FORTY-SIXTH ANNUAL REPORT

OF

The Boston City Hospital

BOSTON

MASS.

1909-10

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FORTY-SIXTH ANNUAL REPORT

OF

THE TRUSTEES

OF

THE BOSTON CITY HOSPITAL

INCLUDING THE

REPORT OF THE SUPERINTENDENT

UPON THE

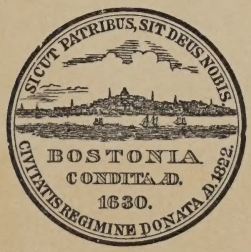
HOSPITAL PROPER
THE SOUTH DEPARTMENT FOR INFECTIOUS DISEASES
THE HAYMARKET SQUARE RELIEF STATION
THE EAST BOSTON RELIEF STATION
THE CONVALESCENT HOME AT MILTON LOWER MILLS

AND ALSO

THE MEDICAL AND SURGICAL STATISTICS, HOUSE RULES, WITH RULES FOR ADMISSION, DISCHARGE AND GOVERNMENT OF PATIENTS, ETC.

FOR THE FORTY-SIXTH YEAR

FEBRUARY 1, 1909, TO JANUARY 31, 1910, INCLUSIVE



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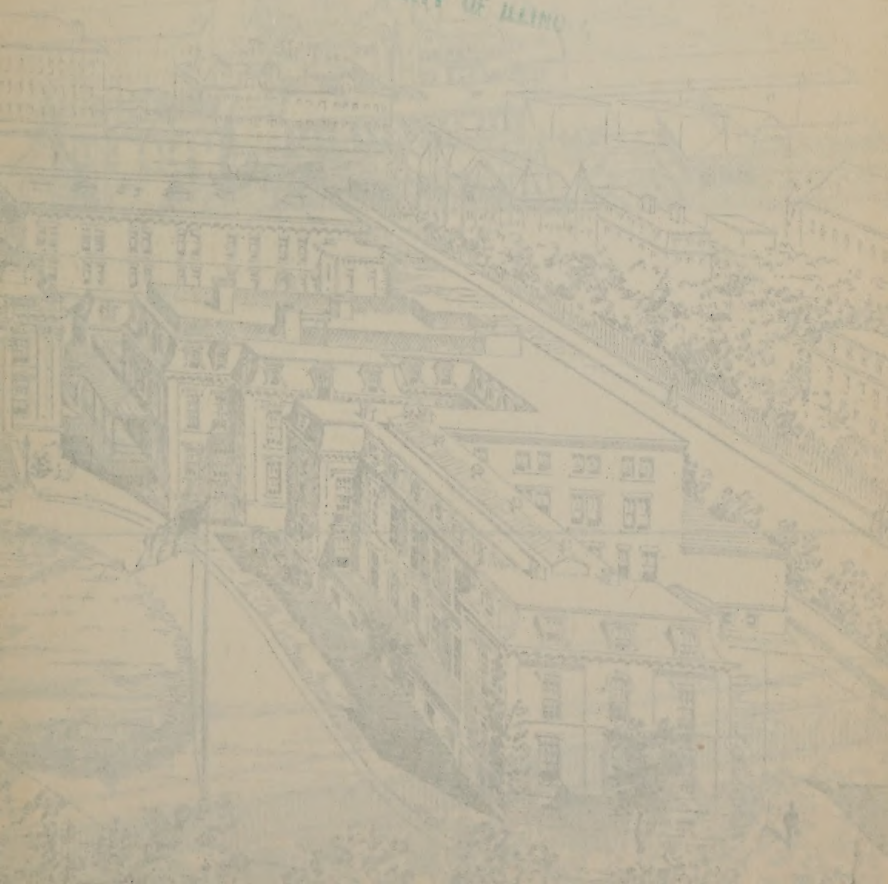

THE
BOSTON CITY HOSPITAL
1910
Trustees
A. Shuman, President
Conrad J. Rueter, Secretary
Francis J. Keany, M. D.
Edmund D. Codman
William G. Shillaber
John F. Fitzgerald
Mayor

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1946

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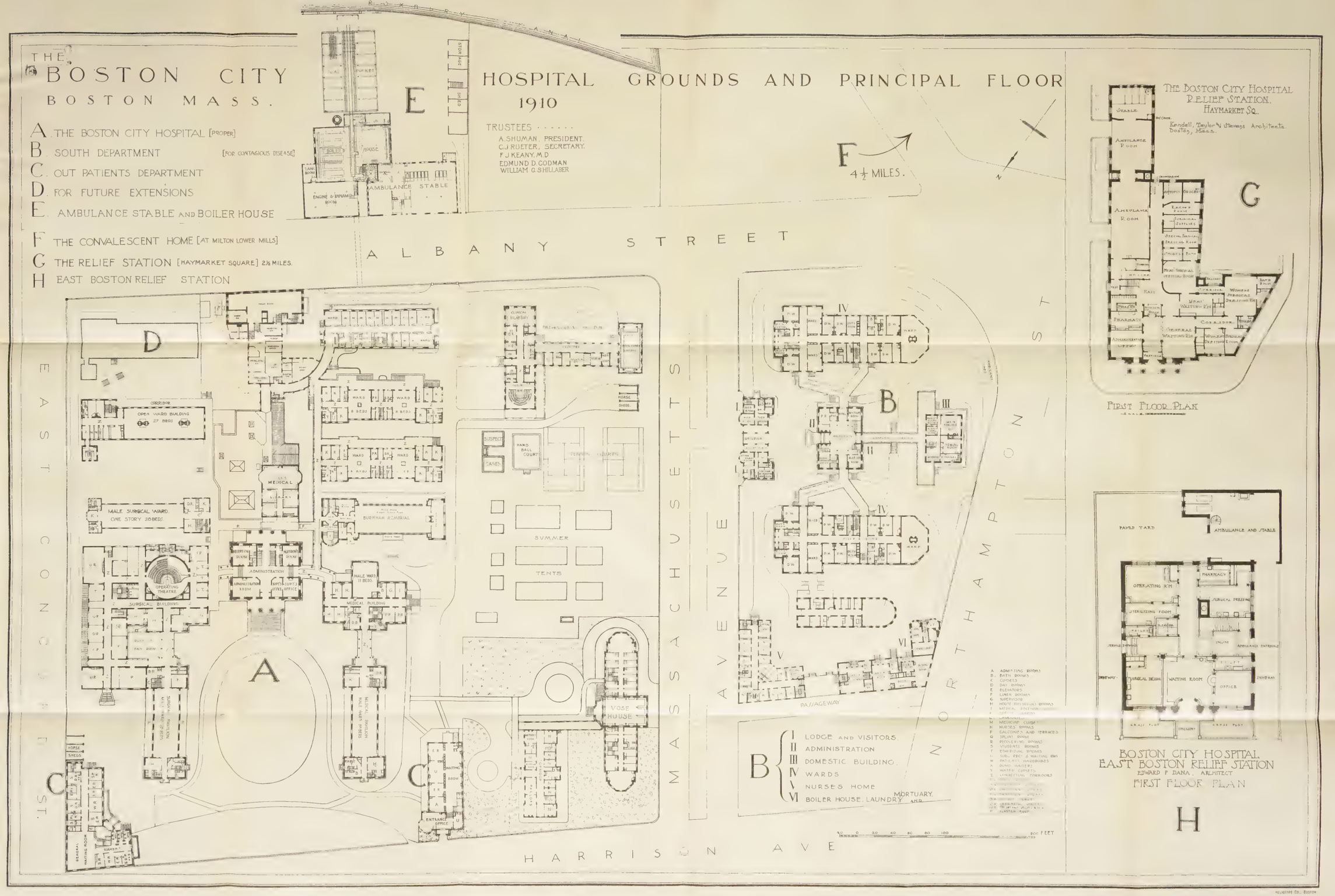
THE BOSTON CITY
BOSTON MASS.

A. THE BOSTON CITY HOSPITAL [PROPER]
B. SOUTH DEPARTMENT [FOR CONTAGIOUS DISEASE]
C. OUT PATIENTS DEPARTMENT
D. FOR FUTURE EXTENSIONS
E. AMBULANCE STABLE AND BOILER HOUSE
F. THE CONVALESCENT HOME [AT MILTON LOWER MILLS]
G. THE RELIEF STATION [HAYMARKET SQUARE] 2¼ MILES.
H. EAST BOSTON RELIEF STATION

HOSPITAL GROUNDS AND PRINCIPAL FLOOR
1910

TRUSTEES · · · · · ·
A. SHUMAN, PRESIDENT.
C. J. RUETER, SECRETARY.
F. J. KEANY, M.D.
EDMUND D. CODMAN
WILLIAM G. SHILLABER



FIRST FLOOR PLAN

BOSTON CITY HOSPITAL
EAST BOSTON RELIEF STATION
EDWARD P. DANA, ARCHITECT
FIRST FLOOR PLAN

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HELIOTYPE CO., BOSTON

FORTY-SIXTH ANNUAL REPORT

OF THE

TRUSTEES

OF

THE BOSTON CITY HOSPITAL,

WITH

REPORT OF THE SUPERINTENDENT,

THE MEDICAL AND SURGICAL STATISTICS, HOUSE RULES, WITH RULES FOR ADMISSION, DISCHARGE AND GOVERNMENT OF PATIENTS, ETC.

FOR THE FORTY-SIXTH YEAR, FEBRUARY 1, 1909, TO JANUARY 31, 1910, INCLUSIVE.

TRUSTEES.

A. Shuman, *President* . . .	Term expires in 1910.
Conrad J. Rueter, *Secretary* . .	Term expires in 1913.
Francis J. Keany, M. D. . . .	Term expires in 1912.
Edmund D. Codman, ...	Term expires in 1911.
William G. Shillaber . . .	Term expires in 1914.

MEDICAL AND SURGICAL STAFF.

Consulting Physicians and Surgeons.

Edward H. Bradford, M. D.	Abner Post, M. D.
Thomas M. Rotch, M. D.	M. F. Gavin, M. D.
Vincent Y. Bowditch, M. D.	Hayward W. Cushing, M. D.
William P. Bolles, M. D.	A. L. Mason, M. D.

Francis S. Watson, M. D.

Curator of the Hospital Museum.
Abner Post, M. D.

Superintendent and Medical Director.
John H. McCollom, M. D.

Senior Physicians.

John G. Blake, M. D.
G. B. Shattuck, M. D.

Visiting Physicians.

E. M. Buckingham, M. D.
Francis H. Williams, M. D.
Charles F. Withington, M. D.
Henry Jackson, M. D.
George G. Sears, M. D.
John L. Ames, M. D.

First Assistant Visiting Physicians.

H. D. Arnold, M. D.
John W. Bartol, M. D.
John N. Coolidge, M. D.

Second Assistant Visiting Physicians.

Elliott P. Joslin, M. D.
William H. Robey, Jr., M. D.
Ralph C. Larrabee, M. D.
Franklin W. White, M. D.
Edwin A. Locke, M. D.
Edward N. Libby, M. D.

Assistant to the Physicians to Out-Patients.
* Frederick O. West, M. D.

Senior Surgeons.

D. W. Cheever, M. D.
George W. Gay, M. D.

Surgeons-in-Chief.

H. L. Burrell, M. D.
George H. Monks, M. D.
Paul Thorndike, M. D.

Visiting Surgeons.

John Bapst Blake, M. D.
Fred B. Lund, M. D.
Edward H. Nichols, M. D.

---

* Appointed for six months beginning January 1, 1910.

First Assistant Visiting Surgeons.

Howard A. Lothrop, M. D. | Frederic J. Cotton, M. D.
William E. Faulkner, M. D.

Second Assistant Visiting Surgeons.

Joshua C. Hubbard, M. D. | L. R. G. Crandon, M. D.
David D. Scannell, M. D.

Third Assistant Visiting Surgeons.

Walter C. Howe, M. D. | Horace Binney, M. D.
David Cheever, M. D. | J. H. Cunningham, Jr., M. D.

Senior Visiting Surgeon for Diseases of Women.

Charles M. Green, M. D.

Junior Visiting Surgeon for Diseases of Women.

Franklin S. Newell, M. D.

First Assistant Visiting Surgeon for Diseases of Women.

Ernest B. Young, M. D.

Second Assistant Visiting Surgeon for Diseases of Women.

Leo V. Friedman, M. D.

Third Assistant Visiting Surgeon for Diseases of Women.

Nathaniel R. Mason, M. D.

Fourth Assistant Visiting Surgeon for Diseases of Women.

* Robert M. Green, M. D.

Visiting Ophthalmic Surgeon.

O. F. Wadsworth, M. D.

Ophthalmic Surgeons.

John C. Bossidy, M. D. | Edward R. Williams, M. D.
Allen Greenwood, M. D.

---

* Appointed for six months beginning January 1, 1910.

Assistants to the Ophthalmic Surgeons.

Peter H. Thompson, M. D. | William H. Lowell, M. D.
David A. Heffernan, M. D.

Visiting Aural Surgeon.

George A. Leland, M. D.

Aural Surgeons.

Edgar M. Holmes, M. D. | Charles R. C. Borden, M. D.

Assistants to the Aural Surgeons.

Henry Tolman, Jr., M. D. | George H. Powers, M. D.

Surgeons for Diseases of the Throat.

Thos. Amory DeBlois, M. D. | Rockwell A. Coffin, M. D.

Assistants to the Surgeons for Diseases of the Throat.

George L. Vogel, M. D. | John H. Blodgett, M. D.

Physicians for Diseases of the Nervous System.

Morton Prince, M. D. | Philip Coombs Knapp, M. D.
John J. Thomas, M. D.

Assistant Physician for Diseases of the Nervous System.

Arthur W. Fairbanks, M. D.

Assistant to the Physicians for Diseases of the Nervous System.

Isador H. Coriat, M. D.

Electrotherapeutist.

Frank B. Granger, M. D.

Physician for Diseases of the Skin.

Francis J. Keany, M. D.

Assistants to the Physician for Diseases of the Skin.

Arthur P. Perry, M. D. | T. W. Thorndike, M. D.

Visiting Pathologist.

William T. Councilman, M. D.

Physician for Infectious Diseases.

John H. McCollom, M. D.

Physician for X-Ray Service.

Francis H. Williams, M. D.

Assistant Physician for X-Ray Service.

Samuel W. Ellsworth, M. D.

Assistants to the Physician for X-Ray Service.

James A. Honeij, M. D.

Medical Registrar.

William H. Robey, Jr., M. D.

Surgical Registrar.

William E. Faulkner, M. D.

Gynæcological Registrar.

Ernest B. Young, M. D.

Anæsthetists.

John E. Butler, M. D. | Daniel F. Mahoney, M. D.

Advisory Staff, South Department.

Wm. T. Councilman, M. D. | John G. Blake, M. D.
George W. Gay, M. D. | George A. Leland, M. D.

Physicians to the Convalescent Home.

John P. Treanor, M. D. | Robert M. Merrick, M. D.
Henry F. R. Watts, M. D.

HOUSE OFFICERS.

House Physicians. *House Surgeons.*

(For four months ending March 15, 1909.)

Harry S. Bernstein,	Michael J. Shaughnessy,
Martin J. English,	Arthur C. Martin,
Edmund W. Wilson,	Roy E. Sturtevant.

(For four months ending July 19, 1909.)

James W. Manary,	William J. Brickley,
Fred H. Allen,	Irving J. Walker,
Joseph E. Hallisey,	Walter M. Boothby.

House Physicians. *House Surgeons.*

(For four months ending November 15, 1909.)

James B. Ayer, Jr.,	Lucius A. Salisbury,
Harold R. C. Mahar,	Thomas P. Hennelly,
Frederick O. West,	Henry J. Fitz Simmons.

(For four months beginning November 15, 1909.)

Ralph W. Tuttle,	Joseph H. Fay,
William T. Miller, Jr.,	Halsey B. Loder,
Edward F. Brennan,	Archibald McK. Fraser.

Gynæcological House Surgeons.

(For four months ending March 15, 1909.)

Joseph W. O'Connor.

(For four months ending July 19, 1909.)

Edward A. Supple.

(For four months ending November 15, 1909.)

William McFarland.

(For four months beginning November 15, 1909.)

Robert D. Hildreth.

Ophthalmic and Aural House Surgeons.

(For six months ending July 5, 1909.)

Willis G. Nealley.

(For six months ending January 3, 1910.)

Chester S. Baker.

(For six months beginning January 3, 1910.)

Leon W. Jessaman.

Neurological House Physician.

(For four months ending November 15, 1909.)

James W. Manary.

(For four months beginning November 15, 1909.)

Charles F. Gormley.

Dermatological House Physician.

(For four months ending November 15, 1909.)

Charles F. Gormley.

(For four months beginning November 15, 1909.)

Leonard W. Hassett.

Pathological Senior Internes.

(For six months ending July 3, 1909.)

Archibald W. Hunter.

(For six months ending January 3, 1910.)

Harry S. Bernstein.

(For six months beginning January 3, 1910.)

Daniel J. Hurley.

Senior Medical Internes.	*Senior Surgical Internes.*
(For four months beginning November 1, 1909.)	
Frederick A. Coughlin,	Raymond A. Quigley,
Hyman Morrison,	James W. J. Marion,
John J. Curtin,	Michael A. Dailey.

Gynæcological Senior Interne.

(For four months beginning November 1, 1909.)

Delbert L. Jackson.

Neurological Interne.

(For four months beginning November 15, 1909.)

Leonard W. Hassett.

Junior Medical Internes. *Junior Surgical Internes.*

(For four months beginning November 1, 1909.)

Mather H. Neill,	Francis T. Jantzen,
Philip T. Kennedy,	Marshall L. Alling,
John R. White,	Edward P. Laskey.

Gynæcological Junior Interne.

(For four months beginning November 1, 1909.)

Thomas Almy.

Medical Externes. *Surgical Externes.*

(For four months beginning November 1, 1909.)

George C. King,	Robert W. Hinds,
William E. Preble,	Edward A. Knowlton,
Walter T. Garfield,	Otto J. Hermann.

Ophthalmic and Aural Externe.

(For six months beginning January 3, 1910.)

Arthur W. Stevenson.

Neurological and Dermatological Externes.

(For four months beginning November 15, 1909.)

Albert W. Stearns.

Gynæcological Surgical Dresser.

(For four months beginning November 1, 1909.)

Edgar C. Steinharter.

HOSPITAL OFFICERS.

John H. McCollom, M. D., *Superintendent.*
Frank H. Holt, M. D., *Assistant Superintendent.*
Arthur J. White, M. D., *First Executive Assistant.*
Edmund W. Wilson, M. D., *Second Executive Assistant.*
James W. Manary, M. D., *Third Executive Assistant.*
Hiram McKay, *Steward.*

Miss Lucy L. Drown, *Superintendent of Nurses and Matron.*
John Ferrin, *Chief Apothecary.*
Miss Frances E. Morley, *First Assistant Superintendent of Nurses.*
Miss Annie L. Rand, *Second Assistant Superintendent of Nurses.*
Miss Charlotte A. Brown, *Teacher of the Preparatory Class.*
Miss Della M. Currier, *Night Supervisor of Nurses.*
Miss Mary A. Douglass, *Assistant Matron.*
F. B. Mallory, M. D., *Pathologist.*
Lawrence J. Rhea, M. D., *Assistant Pathologist.*
Archibald W. Hunter, M. D., *First Assistant in Pathology.*
Oliver S. Hillman, M. D., *Second Assistant in Pathology.*
Charles L. Overlander, M. D., *Assistant in Clinical Pathology.*

SOUTH DEPARTMENT.

John H. McCollom, M. D., *Medical Director.*
Edwin H. Place, M. D., *Physician-in-Chief.*
William J. Brown, M. D., *First Assistant Physician.*
Cadis Phipps, M. D., *Second Assistant Physician.*
Martin J. English, M. D., *Second Assistant Physician.*
Miss Emma M. Nichols, *Assistant Superintendent of Nurses and Matron.*

House Officers.

(For three months beginning January 3, 1910.)

William D. Reid,
Edward J. Monahan,
Theodore W. Ely,
William T. Graham.

HAYMARKET SQUARE RELIEF STATION.

Loring B. Packard, M. D., *Resident Surgeon.*
Edwin L. Drowne, M. D., *Resident Surgeon.*
Miss Lucretia S. Smart, *Matron.*

House Officers.

(For four months beginning November 1, 1909.)

Murray H. Towle,
George A. Connor,
Leon A. Martel.

EAST BOSTON RELIEF STATION.

George F. Keenan, M. D., *Resident Surgeon.*
William J. Brickley, M. D., *Resident Surgeon.*
Mrs. Josephine Higgins, *Matron.*

CONVALESCENT HOME.

Miss Elizabeth C. Fairbank, *Matron.*

REPORT OF THE TRUSTEES.

THE BOSTON CITY HOSPITAL,
BOSTON, February 7, 1910.

HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR,—In compliance with the ordinances, the Trustees of the Boston City Hospital present the following report of its condition for the year ending January 31, 1910. This is the forty-sixth annual report of the Hospital Department, which consists of the main hospital, the South Department for Infectious Diseases, the Haymarket Square Relief Station, the East Boston Relief Station and the Convalescent Home in Dorchester.

On February 1, 1909, John H. McCollom, M. D., assumed the office of Superintendent and Medical Director.

The Board of Trustees was organized on May 3, 1909, by the election of Mr. A. Shuman as President and Mr. Conrad J. Rueter as Secretary.

In July, 1909, Mr. William G. Shillaber was appointed a trustee for the term ending April 30, 1914, in place of Timothy J. Reardon, M. D., whose term of service had expired.

EXPENDITURES.

The entire expenditures for all departments of the hospital during the fiscal year were $601,985.79, $100,018.47 being spent for improvement of the heating system at the main hospital, and $501,967.32 for maintenance. Of the amount spent for maintenance, $314,554.41 was expended upon the hospital proper; $20,704.31 on account of the nine out-patient departments; $109,561 on account of the South Department; $31,509.75 on account of the Haymarket Square Relief Station; $15,315.71 on account of the East Boston Relief Station; $10,322.14 for the Convalescent Home. Of the total amount

spent on the Pathological Laboratory, $11,284.08, $7,108.97 is included in the hospital proper expenditures, $112.84 in the Out-Patient Department, $3,949.43 in the South Department and $112.84 in the Haymarket Square Relief Station expenditures. Of the total amount spent on the X-Ray Laboratory and Photographic Department, $4,438.40, $2,663.04 is charged to the hospital proper and $1,775.36 to the Out-Patient Department. The total amount spent in determining the settlement of non-paying patients, $757.24, is divided evenly between the hospital proper and the South Department.

To the amount expended for the main hospital, including the South Department, $424,115.41, there should be added the difference in the amount of stock on hand February 1, 1910, which was $4,405.59 less than on January 31, 1909, making the total amount properly chargeable as the expenditures for maintenance of the main hospital for the year $428,521 (see Table No. 2 in the Superintendent's report). This sum was expended for 35,399 weeks' board of patients, at a cost per capita of $12.11, but if we deduct the money collected for paying patients, interest on trust funds and other income, the net cost to the city per capita per week was $8.39. The cost of subsistence supplies was $126,659.46; the total weeks' board for an average of 1,213 persons was 63,274. This gives a weekly cost per person for uncooked food supplies of $2 per week, or $28\frac{4}{7}$ cents per day.

The heating plant having become insufficient, owing both to its age as well as to the construction of two new buildings, it became advisable to make very extensive changes. A contract was signed with Lynch & Woodward for steam piping and other work in the power house and in tunnels and for changes in the heating system, amounting to $35,938.05. Illustration 1 shows the old boilers. Illustration 2 gives a very good idea of the new boilers, which were installed under a contract with the Babcock & Wilcox Company, amounting to $19,200. The tunnel from the power house to the hospital being quite small, which rendered it extremely difficult to repair any leaks in the main supply pipe, it was decided to excavate a new tunnel under Albany street. The dimensions of this tunnel are as follows: Length, 96 feet 9 inches; height,

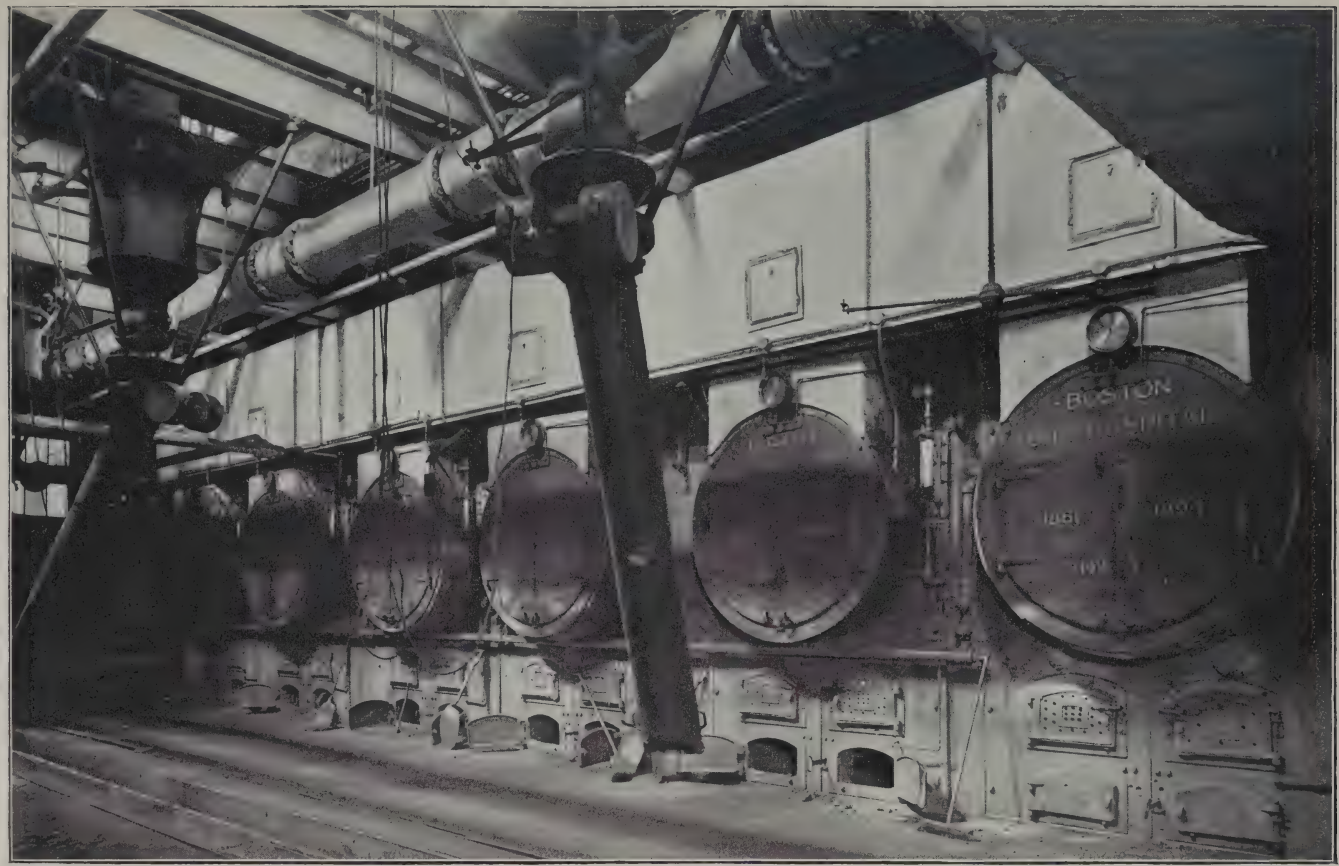


PLATE I.—POWER HOUSE, OLD BOILERS.

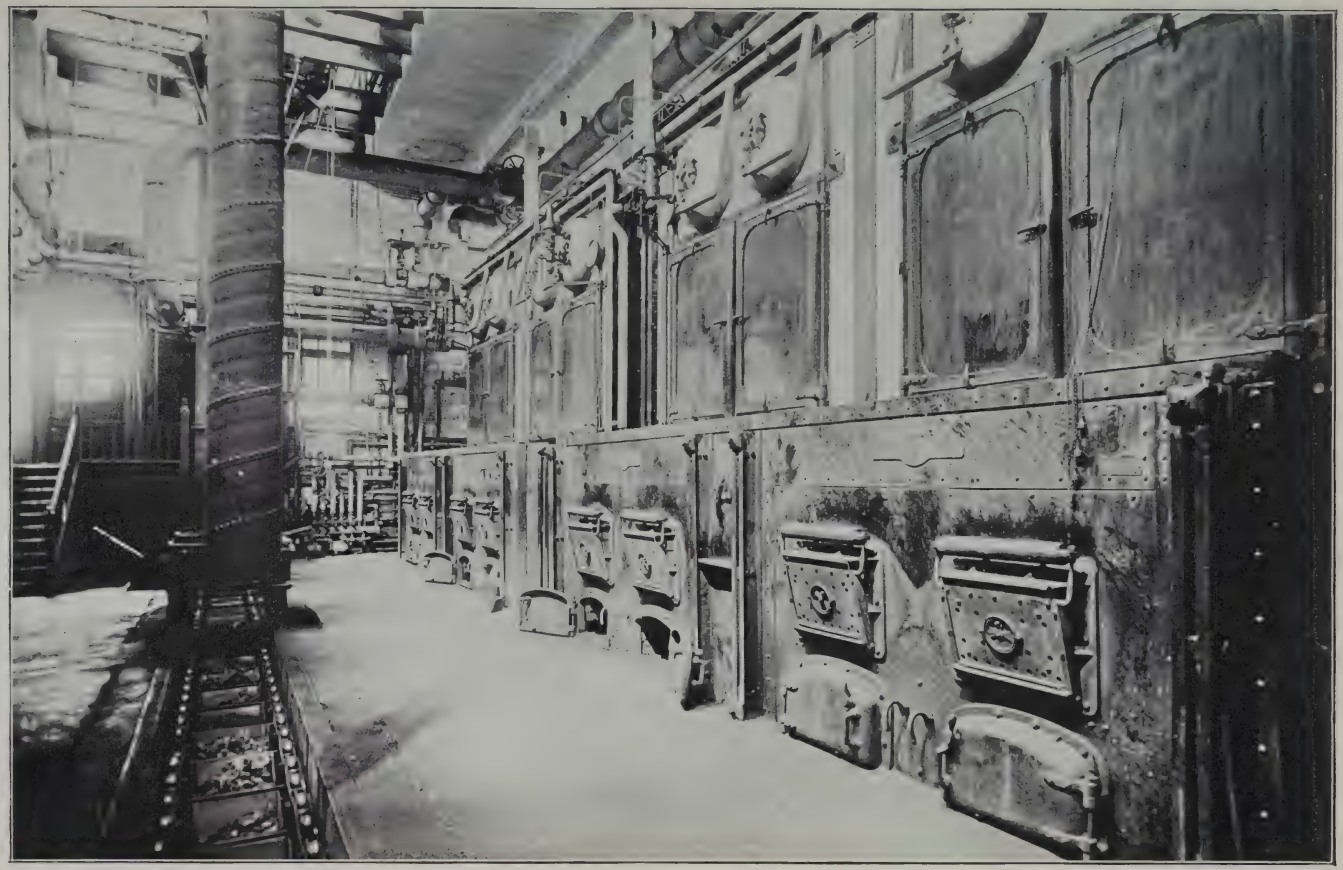


PLATE 2.—POWER HOUSE, NEW BOILERS.

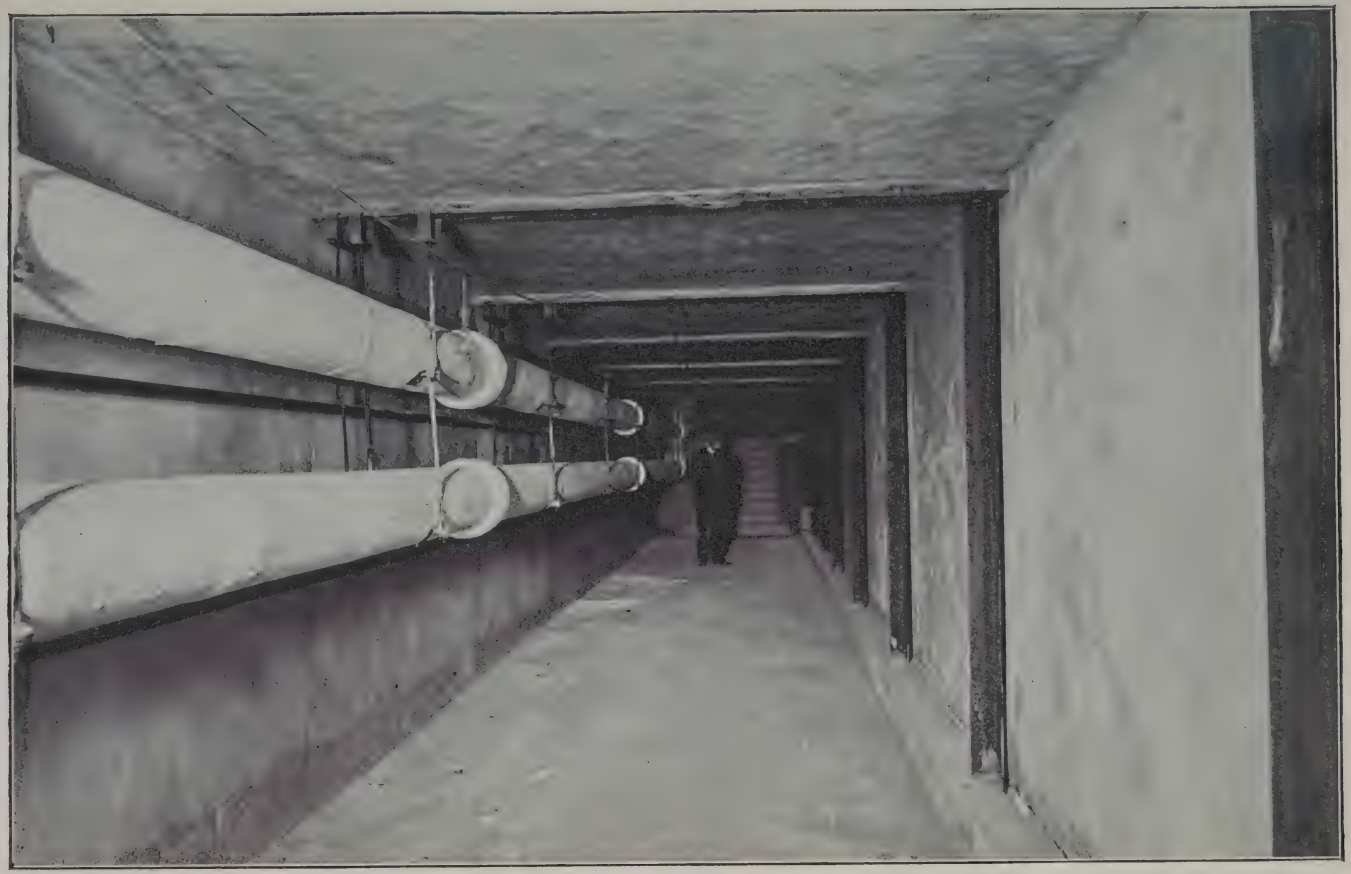


PLATE 3. — TUNNEL UNDER ALBANY STREET.

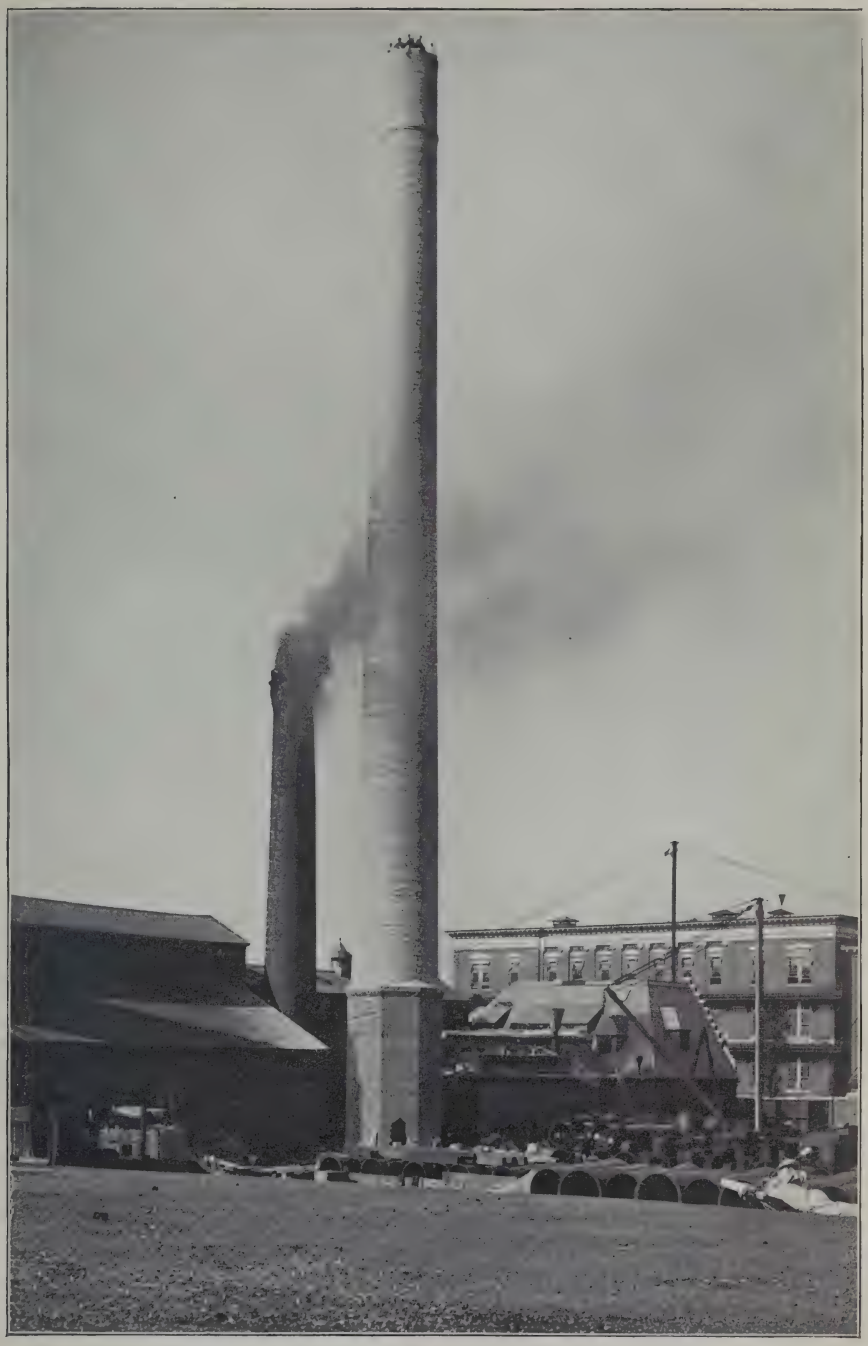


PLATE 4.—NEW CHIMNEY AFTER COMPLETION AS COMPARED WITH THE OLD.

PLATE 5.—MEDICAL ENTRANCE.

PLATE 6 — MEDICAL OFFICE.

PLATE 7.—HOUSE OFFICERS' SITTING ROOM.

8 feet; width, 9 feet. Illustration 3 gives a very good idea of the size of the tunnel and its general appearance. The chimney was adapted only for a limited number of boilers, and it therefore became absolutely necessary to erect a new chimney. Illustration 4 represents the new chimney just after its completion, as compared with the old chimney. The contract with Jones & Meehan for this new tunnel, new chimney, etc., amounted to $30,753.25. In addition, Smith & Lovett had a contract amounting to $5,101.20 for remodeling the coal handling apparatus which had become antiquated. This work on the heating system has been of immense advantage to the hospital. The consumption of coal has been limited to a very considerable extent, and the whole hospital has been heated in a much more satisfactory manner than ever before.

The Medical Building entrance, which had been in use since the opening of this section in 1877, required remodeling. This work was done by a contract amounting to $6,875. The entire entrance was changed. Illustration 5 gives a good idea of the entrance as it now appears. The steps are protected by glass, so that a patient can be transferred from the ambulance, under cover. In the first story of the building terazzo floors were laid. The medical office was remodeled and greater privacy provided for examination of patients. Illustration 6 gives a very good idea of this room at the present time. For a long time the house physicians and internes in the Medical Department had had no comfortable sitting room. Therefore one of the rooms in the Medical Building was remodeled for this purpose. Illustration 7 gives a very good idea of this room. This change in the Medical Building has filled a long felt want.

The report of the Superintendent, presented herewith, contains a more detailed statement of the year's expenditures, various tables relating to patients admitted, and is accompanied by medical and surgical statistics and other information. These tables give in detail the number of patients treated in the various departments during the year, with classified statements of their diseases and results of treatment.

PAYING PATIENTS.

During the year there was collected for the care and treatment of patients of all classes the sum of $129,621.12, itemized as follows: There was received from the Commonwealth of Massachusetts for the board of patients, $24,775.12; from various cities and towns, for hospital proper, $18,487.97, and for the South Department, $287.71; collected at the Superintendent's office, on account of private room and ward-paying patients, $23,702.90; for board of paying patients at the South Department, $8,005.38; for the board of patients at the Haymarket Square Relief Station, $403.96; for the board of patients at the East Boston Relief Station, $103.60. There has also been collected for the hospital, by the Board of Health, for the care of infectious cases at the South Department, and paid to the City Collector, the additional sum of $53,854.48, making the total amount credited to the Hospital Department on account of paying patients, interest on trust funds, sale of old material and other revenue, $131,871.62. This sum is $5,294.42 more than was estimated as our income for this year.

OUT-PATIENT DEPARTMENT.

The Out-Patient Department statistics may be found on pages 34, 35, 36 and 39 in the Superintendent's report.

Briefly, the total number of out-patients treated in all services during the year was 39,482; the number of visits was 135,992. The report of the X-Ray Department for the year is as follows:

Number of patients of whom photographs (A) have been made	166
Number of patients of whom radiographs (B) have been made	3,562
Number of patients of whom fluoroscopic examinations (C) have been made	388
Total number of X-ray and radium treatments	2,042
Total number of photographs, radiographs, examinations and treatments	6,158
Total requisitions (A, B, C) filled	3,728
Total number of negatives made (A, B)	6,057

About one year has elapsed since the X-Ray Department was removed to the basement of the Burnham Memorial Building, and during that time there has been an increase of 17 per cent to 18 per cent in the number of patients treated. It has been shown that the arrangement of the space is satisfactory, and that a much larger number of patients can be well cared for here than would have been possible in the old quarters.

The demands upon the department seem likely to become greater as its usefulness to other parts of the hospital is more and more appreciated. A noteworthy indication of its value in this direction is shown by the daily resort to it of members of the Visiting Staff, and the medical as well as surgical cases sent down for X-ray examination.

On the side of treatment the most marked advances made during the year have been in the use of radium, particularly for cases of early superficial cancer. Few realize that the systematic treatment of various diseases by this remedy and its careful study have been going on for nearly seven years in this hospital. The number of patients thus treated has been greater this year than last; better methods have been devised and it is expected that the good results obtained will exceed those of previous years.

As in the past, the department has been visited by medical men from other parts of the country, many of whom have been especially interested on behalf of the hospitals in their own cities.

SOUTH DEPARTMENT.

The expenditure upon this department has been $109,561. If to this is added the difference in the amount of stock on hand at the beginning and close of the year, which was $446.20 less at the end of the year, it would give $110,007.20 as the amount properly chargeable to maintenance. This sum was expended upon 3,123 patients, and, divided by 14,932 weeks' board, gives $7.37 as the per capita cost per week; but if we deduct the money collected for paying patients and other income, the net cost to the city per capita per week was $3.20. The cost of subsistence supplies was

$31,310.19. The total weeks' board for an average of 419 persons was 21,862. This gives a weekly cost per person for uncooked food supplies of $1.43 per week, or 20$\frac{3}{7}$ cents per day. This very small average cost is explained by the fact that 79 per cent of the patients are children. There will be found on pages 63 to 65 a detailed account of the expenditures of this department in the various subdivisions, which are kept on the same general plan as the hospital proper.

There was expended for maintenance of the hospital proper and South Department $428,521. By dividing this amount by 35,399, the number of weeks' board given patients, the per capita cost for the two departments together was $12.11. But if we deduct the money collected for paying patients, interest on trust funds and other income, the net cost to the city per capita per week for the two departments, taken together, was $8.39.

During the fifteen years that the department has been in operation 36,354 patients have been received, nearly all ill with an infectious disease.

The South Department has been very crowded at times during the year, and the importance of enlarging this department cannot be overestimated. In London, in Glasgow and in Edinburgh there is a hospital bed for 9 out of every 10,000 of the population ill with an infectious disease. In Boston the ratio is 3.45 per 10,000 of the population. The following extract from the report of the Advisory Board of the South Department emphasizes the importance of increased accommodations for acute infectious diseases:

"The reports of the Committee of the South Department continue to have a general sameness in regard to the good management and the efficiency of this part of the hospital. In former years we were able to make very definite suggestions in regard to the needs of the South Department, which have now in great part been met by the new Measles Ward. We must, however, recognize that the hospital is still too small to adequately take care of the infectious diseases of the city. When the hospital is filled to its full capacity there is not sufficient air space per patient, nor is there a

system of forced ventilation by means of which the evils of crowding could in part be overcome. At present it is not possible to completely empty and thoroughly clean and dry a ward. An additional ward would greatly add to the efficiency of the hospital, and will become an imperative need in a few years."

The Measles Ward has been very satisfactory. Epidemics of measles in various institutions have been prevented by the existence of this ward. The trustees feel gratified that after twelve or thirteen years of arduous labor they have at last succeeded in obtaining this building.

HAYMARKET SQUARE RELIEF STATION.

This relief station has been in commission eight years. The number of patients treated during its first year was 20,150, and during the present year 35,771, an increase of 78 per cent, amply proving the judiciousness of providing public relief of this kind in that section of the city. It has accomplished a great deal of good work during the year.

EAST BOSTON RELIEF STATION.

The East Boston Relief Station has been in operation over fifteen months. For the year ending January 31, 1910, 8,450 ward and out-patients were treated. This station has accomplished much in the relief of human suffering, and many lives have been saved by it.

BURNHAM BUILDING.

The Burnham Building has proved a decided success. The construction of the wards has been eminently satisfactory. The work in the X-Ray Department has increased each year.

CONVALESCENT HOME.

The number of patients treated during the year was 357, who received 7,078 days' treatment at an average weekly cost of $9.80. Although there are thirty-six beds for patients and accommodations for an increase of this number, all have never been occupied at any one time during the year, the

daily average number of patients being 19.4, and it is with difficulty that patients are persuaded to go to the home. The result is that on account of the small number of patients treated, while the expenses have practically been the same as those of the previous year, the average weekly cost has been considerably increased.

PATHOLOGICAL LABORATORY.

The routine work performed in the laboratory remains much the same each year. A certain amount of special research work has been done. The following figures state it concisely:

Post-mortem examinations	195
Surgical diagnosis	1,262
Cultures from the South Department (examination for diphtheria bacilli)	13,559
Cultures from the main hospital	1,107

Certain changes have been made in the laboratory, but it is advisable that many other and greater changes should be made.

The appearance of one of the rooms, the Bacteriological Laboratory, has been greatly improved during the year by the new tops put on the large central tables. These tops have been stained black by the copper-aniline method and are easily kept in good condition and highly polished by the occasional application of linseed oil. The tables in at least two of the other rooms need to be retopped and treated in the same way.

The new Bramhall-Deane autoclave in the media room has proved satisfactory in every way. It saves in steam and gas by greatly reducing the time required for sterilization and has rendered the process more accurate and effective. It has also simplified the work to some extent by obviating the former necessity of a preliminary coagulation of the blood serum.

The greatest need this coming year is to put the clinical laboratory in good condition and equip it sufficiently well so that all the different examinations and tests required by the clinical man can be performed accurately and expeditiously.

The repairs, besides repainting, needed are: To retop the central tables; to put in wall cabinets with locks so that each service can have control of its own supplies and keep them under lock and key; to build a new and efficient chemical hood; and to rearrange some of the shelves for reagent bottles.

The supplies needed are four new microscopes, so that each service can have one of its own, and a reasonably complete outfit of chemicals, apparatus and glassware, as set forth in detail in the report already submitted.

Other needs, essential but of minor importance, are the following:

The wiring of the animal pens and cages so that they will be rat-proof.

A larger supply of test tubes free from lead so that they will not resemble ground glass after heating, as is now the case, and prevent observation of the colonies of bacteria. Test tubes of the same quality as used by the Boston Board of Health are an absolute necessity for careful, intelligent work.

A dark ground illuminating apparatus for the direct and quick examination of secretions suspected to contain the treponemata of syphilis.

The work in clinical bacteriology continues about the same from year to year. A few of the unusual and more interesting infections have been encountered, notably with the anthrax bacillus, the gas bacillus, and the meningococcus. In the case of the last named organism the diagnosis practically depends on the examination of the cerebro-spinal fluid and, when positive, results in the immediate use of proper treatment with Flexner's serum.

Animal inoculation for the tubercle bacillus was, as usual, carried out in many cases where the urine and pleural fluids were suspected of containing the organism. This is practically the only method by which a positive diagnosis can be obtained and this, of course, is absolutely essential for the proper treatment of the patients.

The autopsy bacteriology has been restricted, as in 1908, to cultures from the heart's blood and to evident septic foci.

This has been necessary in order to diminish the steadily increasing amount of routine.

Blood cultures from the living patient were made thirty-one times during the year.

As in 1908 the diphtheria cultures examined have consisted of dismissal cases from the South Department. The total number this year was 13,559 as compared with 13,745 last year.

A great deal of time has been taken up during the year by the bacteriological examination of the milk received by the hospital.

Surgical Pathology.— The value of this line of work seems to be appreciated more and more each year, judging from the increase in the number of specimens examined, 1,262, or 230 more than last year. The surgical and gynæcological services take more interest than formerly in seeing that the material removed at operations is sent to the laboratory for diagnosis. The members of the department are frequently called in consultation in obscure and puzzling cases and in some instances have been able to clear up the diagnosis through laboratory methods.

A case of the rare tumor known as myeloma, which starts in bone marrow and is always accompanied by albumosuria, was received during the year, the first on record at the Boston City Hospital.

The number of post-mortem examinations has increased by thirty-four over the record of last year, but still remains far below what ought to be obtained.

The X-Ray Department has continued the work of making radiographs of all bodies coming to post-mortem examination, so that the results obtained can be compared with the actual lesions. In this way valuable light is thrown on appearances found in radiographs of living patients and the clinical diagnoses are rendered more accurate and useful.

For example, small shadows in the pelvis proved to be phleboliths in the pelvic veins instead of calculi in the ureters, and a supposed fecal concretion turned out to be a calcified fibroid.

Clinical Laboratory.— The urgent needs of this special

department have already been mentioned under laboratory equipment and do not require reiteration here.

The work done in this laboratory is of immediate, daily service to all the clinical men and to the patients in their care. The equipment, therefore, should be adequate to the demands made on the men working there, because the results obtained are of very practical value to the clinicians and to the patients, as they often determine the line of treatment to be followed.

Much work has been done during the year with the Wasserman and Noguchi serum reactions as a test for syphilis. They have been applied chiefly to clinical cases, but a series of tests has also been made with sera collected at autopsies. The results obtained have been of great value in rendering positive diagnoses which clinically were doubtful, and in throwing light on lesions found post-mortem.

The Wasserman test has been made about 250 times by Dr. William Boardman, a voluntary assistant in the laboratory, while the regular staff has used the Noguchi reaction 57 times, 45 on clinical cases and 12 on post-mortem cases.

The paper on the possible cause of scarlet fever published from the laboratory several years ago was based on certain peculiar and characteristic bodies found in large numbers in the skin of a virulent case occurring in 1897. Very recently an autopsy was obtained on a severe hæmorrhagic case which died within forty-eight hours after the appearance of the rash. In the epidermis of this case the same peculiar bodies are present in large numbers. This finding strongly favors the view that these bodies have a causative relation to the disease and naturally encourage further work along these lines, namely, to discover similar bodies, if possible, in the nasal and other secretions as an aid to diagnosis in doubtful cases, and to produce the disease in monkeys so that it can be studied experimentally.

The steady increase in the amount of routine work in the laboratory and the frequent changes in the staff interfere to a considerable extent with the research work which the material renders possible. Although but two publications have appeared, two other papers are ready and still others are under way.

The large number and variety of pathological specimens collected during the past twelve years permits now of a comparative study of the lesions of the different organs in the body. The organs which have been taken up most carefully this past year have been the liver, the kidneys, the prostate and the thyroid gland, and some interesting results have been obtained.

The following publications have appeared from the laboratory during the past year:

Chronic Pancreatitis with Tumor-like Nodules in the Cat. By Thomas Ordway.

Tumors in the Common Fowl. By E. E. Tyzzer and Thomas Ordway.

The laboratory continues to be frequented by a moderate number of research students, clinical internes who have finished their services in the hospital and want to brush up on laboratory methods before starting in practice, and visitors from other institutions. For example, Doctors Noguchi and Lamar of the Rockefeller Institute spent several weeks in the laboratory this past summer learning our technical methods. In return the staff was thoroughly drilled in the finer points of the Noguchi serum reaction for syphilis.

ESTABLISHMENT OF NEW SERVICES.

On May 19, 1909, the neurological and dermatological services were established. These two services have been needed for a long time.

CHANGES OF RULES.

Rules 2, 208, 209, 210, 214 and 215, covering the designations of the medical officers at the South Department, were changed by striking out the designations employed and substituting Medical Director, Physician-in-Chief, First Assistant Physician and Second Assistant Physician.

Rule 43, regarding the duties of Senior Visiting Surgeons, was changed.

MEDICAL AND SURGICAL STAFF.

The following are the changes in the Medical and Surgical Staff during the year just closed:

Joseph W. Courtney, M. D., who had been Assistant Physician for Diseases of the Nervous System at the hospital since 1894, resigned. The trustees feel that in the resignation of Doctor Courtney the hospital lost an extremely valuable physician. Doctor Courtney has contributed numerous articles to medical journals, bearing on matters connected with his specialty.

In November, 1909, Francis S. Watson, M. D., resigned his position as Surgeon-in-Chief, to take effect January 1, 1910. Doctor Watson has been connected with the hospital as a surgeon since 1885. He has contributed very largely to medical literature on subjects in which he is especially interested. His principal monographs, of which there are many, are as follows:

Diagnosis and Treatment of Embolism of the Mesenteric Blood Vessels.
The Operative Treatment of Prostatic Hypertrophy.
Obstructive Calculous Anuria.
Tumors of the Bladder.

His phenomenal work, a work that has been quoted all over the civilized world, a work that has received the highest appreciation from surgeons in Germany and in France, is his book on genito-urinary diseases, written in conjunction with Dr. J. H. Cunningham, a member of the Visiting Staff. The appreciation of the trustees of Doctor Watson's service at the hospital is shown by the following letter sent to Doctor Watson by the Secretary of the Board of Trustees, on the receipt of his resignation:

December 8, 1909.

DR. FRANCIS S. WATSON,
92 Marlborough Street:

MY DEAR DOCTOR WATSON,— The trustees of the Boston City Hospital received with much regret your resignation as Surgeon-in-Chief at the Boston City Hospital, and with equal reluctance accepted the same.

The trustees are very grateful for your expressions of appreciation of the relations which existed between yourself and the trustees during your service, and on their part desire me to express to you their gratitude for your untiring and unselfish devotion to the hospital and its patients during the many years of your service.

At the same time I have the honor to notify you that at the meeting at which your resignation was accepted the trustees elected you to the position of Consulting Surgeon, to take effect on and after January 1, 1910; and we trust that by the acceptance of this appointment you will continue to give to the trustees and to the hospital your further services and advice, which, though perhaps not as active as heretofore, the trustees feel will still be of the utmost usefulness to themselves and to our institution.

Yours very respectfully,

CONRAD J. RUETER,
Secretary Board of Trustees.

William Bradford Robbins, M. D., Assistant to the Physicians for X-Ray Service, resigned.

The following promotions have been made: John L. Ames, M. D., from First Assistant Visiting Physician to Visiting Physician; Paul Thorndike, M. D., from Visiting Surgeon to Surgeon-in-Chief; Edward H. Nichols, M. D., from First Assistant Visiting Surgeon to Visiting Surgeon; William E. Faulkner, M. D., from Second Assistant Visiting Surgeon to First Assistant Visiting Surgeon; David D. Scannell, M. D., from Third Assistant Visiting Surgeon to Second Assistant Visiting Surgeon.

The following appointments have been made: Francis S. Watson, M. D., Consulting Surgeon; George B. Shattuck, M. D., Senior Physician; George H. Powers, M. D., Assistant to the Aural Surgeons.

The following temporary appointments have been made: Abraham Myerson, M. D., Temporary Assistant to the Physician for Diseases of the Nervous System for six months; Malcolm Seymour, M. D., Assistant to the Physicians to Out-Patients for six months, beginning July, 1909; Hilbert F. Day, M. D., Fourth Assistant Visiting Surgeon for Diseases of Women for six months, beginning June 1, 1909; Dunlap P. Penhallow, M. D., Fourth Assistant Visiting Surgeon for the month of October, 1909; Frederick O. West, M. D., Assistant to the Physicians to Out-Patients for six months,

beginning January 1, 1910; Robert M. Green, M. D., Fourth Assistant Visiting Surgeon for Diseases of Women for six months, beginning January 1, 1910.

One member of the staff, Dr. Louis T. Wilson, died. The trustees feel that in the death of Doctor Wilson the hospital sustained an irreparable loss. The estimation in which Doctor Wilson was held by the staff is conveyed in the following communication from the staff, made to the trustees at the time of his death:

Doctor Wilson's death came with peculiar bitterness to the City Hospital staff. He was one of our own, by training, tradition, appointment and promotion; he had worked with us and was to work for many years to come. He died in the institution he was serving, in spite of all its facilities and of the trained professional skill under its roof. His comrades, trained to diagnosis, were unable to discover the nature of his illness, and those who devote their days to the cure of disease were powerless to prolong his life. For these reasons, as well as for others of a personal nature, his death affects us with exceptional pain.

He was the last surgeon appointed to the staff; a hard worker, much in earnest, charitable and kindly in judgments, and absolutely loyal. As we look back he seems perhaps to have been too tireless in his duties, too forgetful of his physical needs, too ready to continue without relaxation the wearying daily exertion of hospital (and professional) service. He possessed a personal sympathy, an interest in the affairs of his comrades which made the name acquaintance ripen rapidly into the name of friend. Against more than the usual obstacles he had made his way and in his success he left no bitterness behind in the hearts of his comrades. He was tolerant of the beliefs of others, but firm in his own, a capable surgeon who had won his place, a thoughtful gentleman who looked into the future with quiet confidence.

A verse of Kipling's seems singularly appropriate:

"He scarce had need to doff his pride
  Nor slough the dross of Earth.
E'en as he trod that day to God,
  So walked he from his birth
In simpleness and gentleness
  And honor and clean mirth."

For these virtues his character commends itself to his associates, and it is hereby resolved that these minutes be spread upon the records of the Surgical Section of the Staff of the Boston City Hospital.

GIFTS.

On May 12, 1909, a communication was received from C. H. Watson, Ancillary Administrator of the estate of E. L. Wyman, inclosing a check for $100, the same being the income of the estate of E. L. Wyman.

In June, 1909, a communication was received from the Committee of the Patrick A. Collins Memorial Fund, said letter being as follows:

June 3, 1909.

To the Trustees of the Boston City Hospital, Boston, Mass.:

GENTLEMEN,— The undersigned Committee of the Patrick A. Collins Memorial Fund, by a unanimous vote, do hereby present to the Boston City Hospital the sum of twenty-three hundred twenty-one $\frac{61}{100}$ dollars in memory of our former distinguished citizen and honored Mayor, Patrick A. Collins, a stanch friend of the hospital and ever zealous for its best interests and welfare. Said sum to be expended as follows:

First. Eighteen hundred dollars for the purchase of bookcases and books for a library to be known as the "Patrick A. Collins Memorial Library."

Second. Five hundred dollars to be deposited with the City Treasurer of the City of Boston, and "invested according to the ordinances of the city to constitute a special fund to be known as the 'Patrick A. Collins Memorial Library Fund,' the interest of which shall be annually expended in perpetuity by the trustees for new books for the use of hospital patients, and for the replacing of those that have become either damaged, lost or destroyed."

As we desire to aid in your noble work in a way that shall help as far as possible to alleviate the sufferings of those under your care, especially those who during convalescence may have the benefits of this library, we ask your acceptance of these gifts, having in mind the good that is being done for the sick and needy of our city by this great institution.

Very truly yours,

JEROME JONES, *Chairman*,
LUCIUS TUTTLE,
CHARLES H. TAYLOR,
ROBERT M. BURNETT,
JOHN G. BLAKE,
THOMAS B. FITZPATRICK,
JAMES M. PRENDERGAST,
EDWIN U. CURTIS,
WILLIAM BYRNE,
A. SHUMAN,
JAMES J. STORROW,
M. P. CURRAN, *Secretary*.
Collins Memorial Committee.

The following letter was sent in reply to the foregoing communication:

BOSTON, June 19, 1909.

MR. JEROME JONES,
Chairman of the Committee of the Patrick A. Collins Memorial Fund:

DEAR SIR,— I am directed by Mr. Shuman, President of the Board of Trustees of the Boston City Hospital, to make grateful acknowledgment of the receipt of a check for $2,321.61, for the purchase of books for the

patients at the Boston City Hospital. The trustees feel that this money could in no other way be more appropriately spent, and they feel that the dictates of the distinguished man for whom the memorial was erected would fully coincide with this opinion.

I remain, very respectfully,

Your obedient servant,

JOHN H. MCCOLLOM,
Superintendent.

The trustees wish to express their grateful appreciation of the many gifts of flowers, fruit and pamphlets to the hospital during the past year, acknowledgment of which has been made to the individuals by letter.

The Franciscan Missionaries of St. Mary have made weekly visits to the hospital, and have done much to cheer the hearts of the patients.

On Sundays different organizations have visited the wards, and by music, vocal and instrumental, have relieved the tediousness of confinement in the hospital.

The musicians sent by Dr. John Dixwell, as in former years, have given concerts in the wards, which have been a source of great pleasure to the patients.

Clergymen of different denominations have visited patients, when requested.

The trustees wish to express their high appreciation of the valuable services of the Medical and Surgical Staff in their constant and painstaking attention to the sick, and wish to emphasize the value of the faithful interest shown to the welfare of patients and to the hospital generally.

The trustees also desire to express their grateful recognition of the devotion and services of the present superintendent and Medical Director, John H. McCollom, M. D., in all respects a worthy successor to his predecessor, Dr. G. H. M. Rowe, an honored name among all familiar with medicine and public institutions.

Respectfully submitted,

A. SHUMAN, *President.*
CONRAD J. RUETER, *Secretary.*
FRANCIS J. KEANY, M. D.
EDMUND D. CODMAN.
WILLIAM G. SHILLABER.

REPORT OF THE SUPERINTENDENT AND MEDICAL DIRECTOR.

THE BOSTON CITY HOSPITAL, January 31, 1910.

To the Trustees:

GENTLEMEN,— I have the honor to present herewith the annual report of the Hospital Department for the year ending January 31, 1910, inclusive.

The Boston City Hospital has now been in operation forty-six years, during which time the number of house patients treated in the different departments has been 308,744 and the number of out-patients 1,048,456. The table on page 36 shows the number of patients who have applied for admission and been treated at the hospital proper and the South Department during the last ten years. The principal statistics for the year are shown on page 38. The other tables are self-explanatory.

Patients admitted to the hospital according to services:

Medical services	3,124
Surgical services	4,071
Gynæcological service	1,136
Ophthalmic service	105
Aural service	242
Neurological service	218
Dermatological service	54
Total	8,950

Number of visits of patients to the hospital for advice and treatment in the Out-Patient Departments:

Medical diseases	13,810
Surgical diseases	81,380
Diseases of the eye	5,805
Diseases of the ear	4,625

Diseases of the skin	3,322
Diseases of women	3,006
Diseases of the nervous system	6,984
Diseases of the throat	8,787
X-ray treatment	2,544
Surgical out-patients treated in the accident rooms and not included elsewhere	5,729
Total	135,992

TABLE OF ADMISSIONS AND DEATHS FROM FEBRUARY 1, 1900, TO JANUARY 31, 1910.

Hospital Proper and South Department.

	Patients Examined for Admission.	Patients Admitted.	Patients Accidentally Injured.	Number of Out-patients Treated.	Number of Patients in Hospital at Beginning of Year.	Number of Patients Treated.	Died.	Rate of Mortality.
February 1, 1900, to January 31, 1901	16,528	11,962	1,210	27,328	745	12,707	1,500	.118
February 1, 1901, to January 31, 1902	15,588	10,539	1,091	28,635	772	11,311	1,314	.116
February 1, 1902, to January 31, 1903	14,666	9,978	1,130	32,152	614	10,592	1,088	.103
February 1, 1903, to January 31, 1904	15,422	10,349	953	34,734	672	11,021	1,122	.102
February 1, 1904, to January 31, 1905	14,974	10,837	772	37,608	711	11,548	1,160	.100
February 1, 1905, to January 31, 1906	13,645	10,357	738	38,650	652	11,009	1,143	.104
February 1, 1906, to January 31, 1907	14,943	11,679	704	37,938	673	12,352	1,332	.108
February 1, 1907, to January 31, 1908	15,227	11,751	853	40,246	734	12,485	1,406	.113
February 1, 1908, to January 31, 1909	17,741	12,403	898	42,310	758	13,161	1,401	.106
February 1, 1909, to January 31, 1910	15,397	11,674	928	39,482	828	12,502	1,327	.106

The total number of patients admitted to the wards since the opening of the hospital and South Department has been 292,972, and the number of out-patients has been 791,536.

HOSPITAL PROPER.

APPLICANTS EXAMINED FOR ADMISSION DURING THE YEAR.

YEAR.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1909.	February	914	706	208
	March	1,081	864	217
	April	997	765	232
	May	939	731	208
	June	1,026	735	291
	July	1,071	783	288
	August	1,037	659	378
	September	964	657	307
	October	946	667	279
	November	960	654	306
	December	1,067	786	281
1910.	January	1,203	943	260
	Totals	12,205	8,950	3,255

HOSPITAL PROPER.

PRINCIPAL STATISTICS, 1909–10.

Number of Patients.

Number of patients remaining in the hospital proper January 31, 1909		429
Admitted from February 1, 1909, to January 31, 1910, inclusive:		
Medical	3,124	
Surgical	4,071	
Gynæcological	1,136	
Ophthalmic	105	
Aural	242	
Neurological	218	
Dermatological	54	
		8,950
Treated during the year		9,379
Discharged during the year	7,799	
Died during the year	1,111	
		8,910
Number of patients remaining in the hospital January 31, 1910		469
Largest number of patients in the hospital at any one time		552
Smallest number of patients in the hospital at any one time		285
Daily average number of patients		393
Average number of days' stay of patients		15.27
Number of weeks' treatment given in hospital		20,466
Number of days' treatment given in hospital		143,265
Number of applicants for admission to hospital		12,205
Number of applicants rejected		3,255
Number of patients treated in Out-Patient Departments		39,482

Number of visits made by out-patients	135,992
Patients carried in ambulances	3,856
Number of patients accidentally injured, admitted	928

Number of out-patients treated in the Out-Patient Departments, classified according to diseases:

For medical diseases	5,575
For surgical diseases	17,449
For diseases of the eye	2,635
For diseases of the ear	1,368
For diseases of the skin	1,577
For diseases of women	1,012
For diseases of the nervous system	765
For diseases of the throat	3,255
For X-ray treatment	117
Surgical out-patients treated in the accident rooms and not elsewhere included	5,729
Total number of out-patients	39,482

PRESENT CAPACITY OF THE HOSPITAL DEPARTMENTS.

The schedule of beds is as follows:

Hospital proper	655
South Department	340
Haymarket Square Relief Station	20
East Boston Relief Station	10
Convalescent Home	36
	1,061

The distribution of the beds in the Main Department is as follows:

	Ward.		Private.		Totals.
	Male.	Female.	Male.	Female.	
Surgical	161	97	21	17	296
Medical	141	108	8	7	264
Gynæcological	.....	51	.....	2	53
Ophthalmic and aural	7	9	.....	.....	16
Neurological	10	10	.....	.....	20
Dermatological	3	3	.....	.....	6
Totals	322	278	29	26	655

STATISTICS OF PATIENTS ACCORDING TO SERVICES.

February 1, 1909, to January 31, 1910, Inclusive.

SERVICES.	In Hospital February 1, 1909.	Admitted.	Discharged.	Died.	Total Discharged and Died.	In Hospital February 1, 1910.
First Surgical	67	1,245	1,127	118	1,245	67
Second Surgical	67	1,498	1,340	156	1,496	69
Third Surgical	64	1,328	1,205	121	1,326	66
First Medical	53	1,109	920	190	1,110	52
Second Medical	53	980	790	191	981	52
Third Medical	52	1,035	837	198	1,035	52
Gynæcological	60	1,136	1,078	67	1,145	51
Ophthalmic	6	105	102	1	103	8
Aural	7	242	220	7	227	22
Neurological	.....	218	135	61	196	22
Dermatological	.....	54	45	1	46	8
Totals	429	8,950	7,799	1,111	8,910	469

The maximum number of patients in the hospital proper at any one time was 501, and the minimum number 296.

RECEIPTS AND EXPENDITURES.

Receipts.

City appropriation*	$600,000 00
Interest from Trust Funds	1,964 00
Premium on coal	17 50
Refund duplicate payment	4 29
	$601,985 79

Expenditures.

Hospital proper and its subdivisions	$314,554 41
Out-Patient Department	20,704 31
South Department	109,561 00
Haymarket Square Relief Station	31,509 75
East Boston Relief Station	15,315 71
Convalescent Home	10,322 14
Improvement of the heating system at main hospital	100,018 47
	$601,985 79

*Of this $600,000, $499,981.53 was spent for maintenance and $100,018.47 for improvement of the heating system.

APPLICANTS NOT ADMITTED DURING THE YEAR.

February 1, 1909, to January 31, 1910, Inclusive.

Cause of rejection:	
For want of accommodation	33
For want of accommodation, but admitted within three days	9
Self-rejected or deferred	673
Self-rejected or deferred, but admitted within three days,	129
Self-rejected or deferred, but admitted later	12
For want of sufficient information	393
For want of sufficient information, but admitted within three days	228
For want of sufficient information, but admitted later	14
Referred to Out-Patient Departments	1,071
Referred to South Department	9
Nonresident	653
Chronic	192
Pulmonary tuberculosis	27
Delirium tremens	71
Venereal	42
Pregnancy	14
Insane	13
Miscellaneous	64
Total	3,647
Admitted within three days or later	392
Total not admitted	3,255

RECORD OF AMBULANCE WORK.

Transportation to the Hospital.

Trips to:	
Business center	189
North End	153
West End	195
Back Bay	108
South End	435
Roxbury	905
West Roxbury	14
Carried forward	1,999

Brought forward	1,999
Dorchester	300
South Boston	469
East Boston	280
Charlestown	247
Jamaica Plain	88
Brighton	91
Roslindale	18
South Department	9
Total trips in	3,501
Did not come	81
Patients brought	3,420

Transportation from the Hospital.

Trips to:	
Convalescent Home	108
Patients' homes	28
Other hospitals	58
Total trips out	194
Carried extra	242
Patients carried	436

Summaries.

Total number of trips	3,695
Total patients transferred	3,856

Record of Coupé Trips for Surgeons and Physicians.

In bringing:	
The physician	50
The surgeon	136
Total trips	186

Number of miles the ambulances have run as shown by odometer count, in all departments 27,754

AMBULANCE.

Per Capita Cost of Transportation for the Years 1906, 1907, 1908, 1909.

	Expenditures.	Number of Miles.	Cost per Patient.	Cost per Mile.
Year ending January 31, 1907....	$6,114 63	30,376	$0.781	$0.201
Year ending January 31, 1908....	7,228 02	30,867	.888	.234
Year ending January 31, 1909....	7,127 15	33,690	.869	.211
Year ending January 31, 1910....	5,595 05	27,754	.846	.202

CENSUS OF DAYS' BOARD OF ALL PERSONS.

February 1, 1909, to January 31, 1910, Inclusive.

	Patients.	Officers and Employees.	Total Days' Board.
Hospital proper	143,265	146,623	289,888
South Department	104,527	48,505	153,032
Haymarket Square Relief Station	1,915	13,416	15,331
East Boston Relief Station	831	6,256	7,087
Convalescent Home	7,078	2,959	10,037
Totals	257,616	217,759	475,375

DAILY AVERAGE OF PERSONS.

	Patients.	Officers and Employees.	Total Persons.
Hospital proper	392.5	401.7	794.2
South Department	286.4	132.9	419.3
Haymarket Square Relief Station	5.2	36.8	42.0
East Boston Relief Station	2.3	17.1	19.4
Convalescent Home	19.4	8.1	27.5
Totals	705.8	596.6	1,302.4

	Hospital Proper.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	All Departments.
Maximum number of days' board of persons	927	552	54	23	44	1,519
Minimum number of days' board of persons	671	285	36	17	15	1,052

NATIVITY OF PATIENTS ADMITTED DURING THE YEAR.

Boston	2,486	*Brought forward*	8,547
Other towns in Massachusetts	788	Switzerland	11
Maine	299	Belgium	11
New Hampshire	118	Wales	11
Vermont	73	Holland	8
Rhode Island	62	Jamaica	8
Connecticut	45	India	6
Other states	493	Australia	6
Ireland	1,558	Denmark	5
British Provinces	942	Hungary	4
Russia	442	Roumania	4
Italy	337	Azores	3
England	273	Bermuda	2
Germany	147	Spain	2
Sweden	103	Brazil	2
Scotland	76	Jerusalem	2
Greece	45	Japan	2
Norway	45	Venezuela	2
Austria	44	St. Helena	1
Poland	40	Guiana	1
West Indies	26	Mexico	1
Syria	18	Cuba	1
France	18	South America	1
Armenia	17	South Africa	1
Finland	14	Panama	1
Portugal	14	Bavaria	1
Turkey	12	At sea	1
China	12	Unknown	305
Carried forward	8,547	Total	8,950

CONDITION OF PATIENTS DISCHARGED DURING THE YEAR.

Well	1,508	*Brought forward*	7,721
Relieved	5,675	Not treated	78
Not relieved	538	Died	1,111
Carried forward	7,721	Total	8,910

SOUTH DEPARTMENT.

APPLICANTS EXAMINED FOR ADMISSION DURING THE YEAR.

Year.	Month.	Number Examined.	Number Admitted.	Number not Admitted.
1909.	February	305	258	47
	March	369	306	63
	April	306	267	39
	May	255	223	32
	June	241	209	32
	July	177	137	40
	August	174	156	18
	September	179	145	34
	October	235	209	26
	November	310	275	35
	December	328	281	47
1910.	January	313	258	55
	Totals	3,192	2,724	468

APPLICANTS NOT ADMITTED DURING THE YEAR.

February 1, 1909, to January 31, 1910, Inclusive.

Cause of Rejection.	1909. February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1910. January.	Totals.
Nonresident	....	1	1	2	1	...	...	...	1	2	1	2	11
Self-rejected	6	9	12	2	1	5	...	3	8	4	11	6	67
No infectious disease	23	38	21	27	28	35	18	30	17	26	30	35	328
Want of accommodation*	14	11	5	...	...	...	...	...	...	...	...	9	39
Parotitis†	....	...	...	...	...	...	...	1	...	1	1	....	3
Pertussis†	3	2	...	...	...	...	...	...	...	...	1	....	6
Rubella†	1	1	...	...	...	...	...	...	...	1	1	....	4
Varicella†	....	...	...	...	...	...	...	...	...	1	2	3	6
Scabies †	....	1	...	1	2	...	...	...	...	...	...	....	4
Totals	47	63	39	32	32	40	18	34	26	35	47	55	468

* Diphtheria, 13; Scarlet Fever, 26. † No wards for these diseases.

RECORD OF AMBULANCE WORK IN BRINGING PATIENTS TO SOUTH DEPARTMENT.

Trips to:	
Business center	5
North End	103
West End	241
Back Bay	38
South End	339
Roxbury	427
West Roxbury	20
Dorchester	246
South Boston	194
East Boston	145
Charlestown	152
Jamaica Plain	98
Brighton	54
Suburban towns	1
Total trips in	2,063
Brought extra	278
Did not come	109
Patients brought	2,232

NATIVITY OF PATIENTS ADMITTED TO THE SOUTH DEPARTMENT DURING THE YEAR.

Boston	1,544	*Brought forward*	2,489
Other towns in Massachusetts	350	Germany	6
Maine	52	Greece	4
New Hampshire	29	Austria	3
Vermont	12	Poland	3
Rhode Island	16	West Indies	3
Connecticut	9	Belgium	2
Other states	199	Armenia	2
British Provinces	116	Panama	2
Russia	47	Holland	1
Ireland	52	Switzerland	1
England	19	South America	1
Italy	22	Roumania	1
Sweden	6	Syria	1
Norway	9	Azores	1
Scotland	7	Unknown	204
Carried forward	2,489	Total	2,724

CONDITION OF PATIENTS DISCHARGED FROM THE SOUTH DEPARTMENT DURING THE YEAR.

Well	2,447	*Brought forward*	2,591
Relieved	141	Died	216
Not relieved	3		
Carried forward	2,591	Total	2,807

It will be noticed that at the South Department thirty-nine patients have been refused admission for lack of room.

The following are the principal statistics for the year:

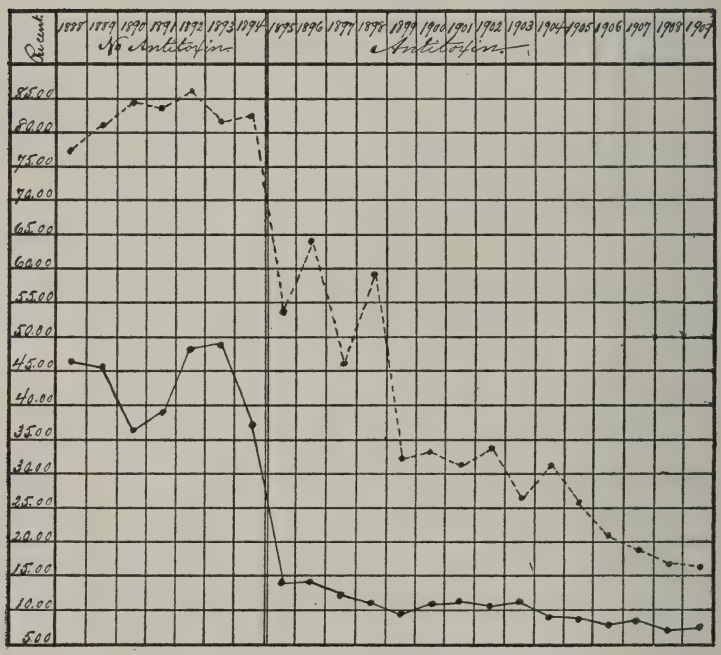
Number of patients remaining in the South Department January 31, 1909		399
Admitted from February 1, 1909, to January 31, 1910, inclusive		2,724
Treated during the year		3,123
Discharged during the year	2,591	
Died during the year	216	
		2,807
Number of patients remaining January 31, 1910		316
Maximum number of patients at any one time		417
Minimum number of patients at any one time		162
Daily average number of patients		286.4
Average number of days' stay of patients		33
Number of days' treatment given patients		104,527
Number of weeks' treatment given patients		14,932
Number of applicants for admission		3,192
Number of patients rejected		468
Patients carried in ambulances		2,232
Number of patients admitted over fifteen years of age		474
Number of patients dying within forty-eight hours of admission		59
Average age of patients		8.9
Percentage of deaths to discharges		7.69
The death rate from diphtheria		6.68
The death rate from diphtheria, deducting deaths within twenty-four hours of admission		5.24
The death rate from scarlet fever		4.16
The death rate from scarlet fever, deducting deaths within twenty-four hours of admission		3.74

The death rate from measles	1.4
The death rate from all diseases	6.91
The death rate from all diseases, deducting deaths within twenty-four hours of admission . .	5.60

(A)

Per cent of Mortality of Diphtheria at the Boston City Hospital proper, and at the South Department, from 1888 to 1909, inclusive. Per cent of Mortality of Intubations for the same time. From 1888 to 1894, no Antitoxin. From 1895 to 1909, Antitoxin.

Diphtheria=————— Intubation=·····



Number of days' board given persons	153,032
Number of weeks' board given persons	21,862
Total expenditures	$109,561
Average weekly cost per patient	$7.37

If a comparison is made between the South Department and the hospital proper as to the number of days' board given patients, it will be found that at the former it is 104,527, while at the latter it is 143,265.

(B)

Number of Cases of Diphtheria treated at the Boston City Hospital proper, and at the South Department, from 1888 to 1909, inclusive. Number of Cases of Intubation for the same time. 1888 to 1894, no Antitoxin. 1895 to 1909, Antitoxin.

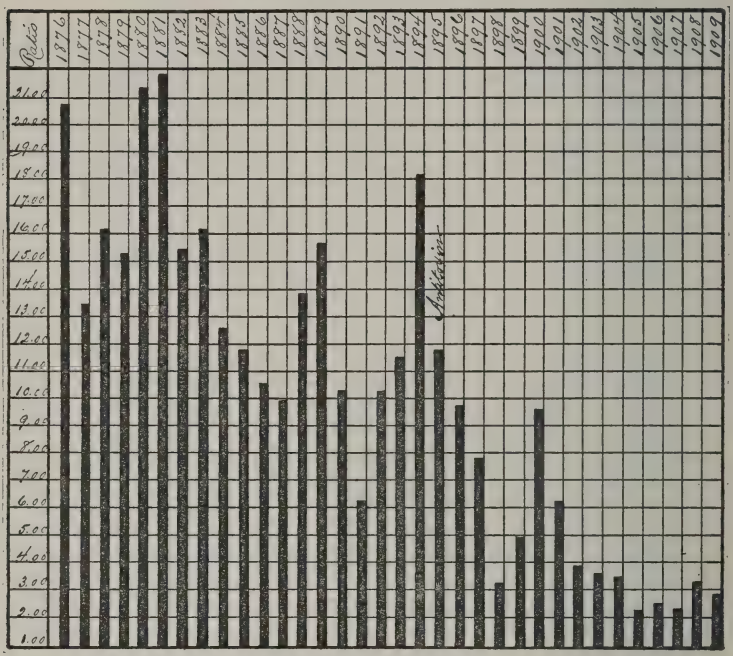
Year.	Number of Cases of Diphtheria	Died.	Per cent of Mortality	Per cent of Recoveries	Number of Intubations	Died.	Per cent of Mortality	Per cent of Recoveries
1888	382	176	46.07	53.92	100	78	78.00	22.00
1889	529	239	45.17	54.82	128	104	81.25	18.75
1890	415	151	36.28	63.61	93	79	84.94	15.05
1891	237	105	44.30	55.69	50	42	84.00	16.00
1892	387	185	47.80	52.19	65	56	86.15	13.84
1893	419	203	48.44	51.55	109	90	82.56	17.43
1894	698	266	38.10	61.89	89	74	83.14	16.85
Total	3067	1325	43.20	56.79	634	523	82.49	17.50
1895	1455	207	14.22	85.77	118	64	54.23	45.76
1896	1889	276	14.61	85.38	224	145	64.73	35.26
1897	1387	181	13.04	86.95	146	67	45.88	54.11
1898	817	97	11.87	88.12	71	42	59.15	40.84
1899	1621	162	9.99	90.00	192	63	32.81	67.18
1900	2547	293	11.50	88.49	259	88	33.59	66.40
1901	1576	185	11.73	87.26	184	58	31.52	68.47
1902	1008	111	10.20	89.79	145	49	33.79	66.20
1903	1179	138	11.70	88.29	139	37	26.61	73.38
1904	1431	136	9.50	90.49	153	47	30.71	69.28
1905	866	82	9.46	90.53	135	35	25.92	74.07
1906	1117	92	8.23	91.76	150	31	20.66	79.33
1907	1305	119	9.11	80.88	178	35	19.66	80.33
1908	1608	123	7.64	92.35	217	39	17.97	82.02
1909	1402	109	7.77	92.22	187	33	17.64	82.35
Total	21208	2311	10.70	89.29	2498	833	34.32	65.67

The effect of the South Department in reducing the death rate of diphtheria and scarlet fever has been extremely marked. As an illustration of the decrease in the death rate of diphtheria Chart A has been prepared, which shows the per cent of mortality of diphtheria at the Boston City Hospital proper and at the South Department from 1888 to 1909, inclusive, and also the per cent of the mortality of intubations for the same time. These figures are based on the calendar year, and not on the financial year.

It may be remembered that in 1888 Wards A and E were opened for the treatment of diphtheria and scarlet fever and that these wards soon became overcrowded.

(C)

Ratio of Mortality of Diphtheria per 10,000 of the Population in Boston, from 1876 to 1909, inclusive.



Average Ratio of Mortality from 1876 to 1894, inclusive, 14.25.
Average Ratio of Mortality from 1895 to 1909, inclusive, 5.17.

In 1895 the South Department was opened for the treatment of these diseases, and these wards also, after a comparatively short time, became overcrowded.

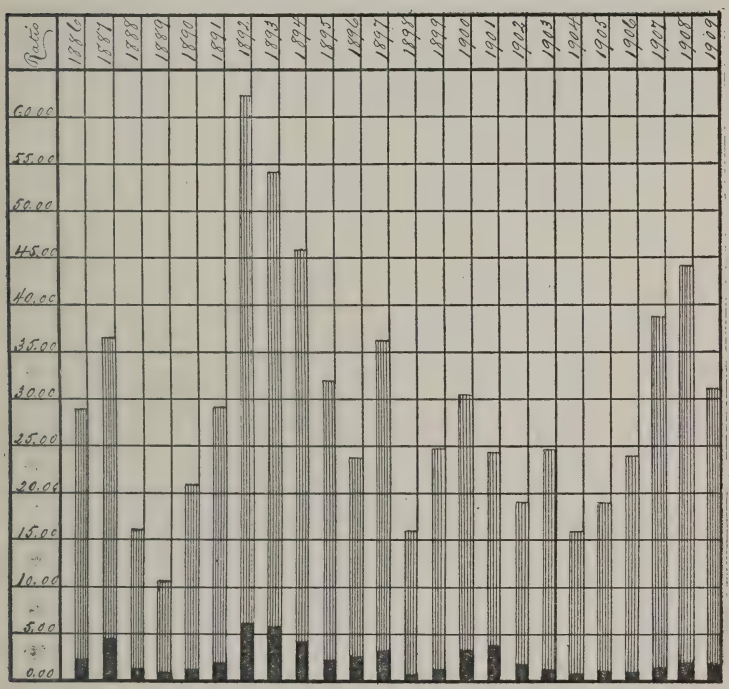
Table B gives the number of cases of diphtheria treated at the Boston City Hospital proper and at the South Department from 1888 to 1909, inclusive, and the number of cases of intubation for the same time. The effect of antitoxin in the treatment of diphtheria is demonstrated in Chart A and Table B.

Chart C gives the ratio of mortality of diphtheria per 10,000 of the population in Boston from 1876 to 1909, inclusive. It will be noticed that the average ratio of mortality

from 1876 to 1894, inclusive, was 14.25, while that from 1895 to 1909, inclusive, was 5.17, a diminution of more than one-half. This diminution in the mortality rate can only be explained by the use of antitoxin and hospital treatment.

(D)

Ratio of Morbidity and Ratio of Mortality of Scarlatina in Boston per 10,000 of the Population, from 1886 to 1909, inclusive.



Average Ratio of Morbidity from 1886 to 1894, inclusive, 33.97.
Average Ratio of Morbidity from 1895 to 1909, inclusive, 27.00.
Average Ratio of Mortality from 1886 to 1894, inclusive, 2.87.
Average Ratio of Mortality from 1895 to 1909, inclusive, 1.61.

The effect of the South Department in diminishing the ratio of mortality of scarlet fever is shown in Chart D. It will be noticed in this chart that since 1895, when the hospital was opened, there has been no general epidemic of scarlet fever in Boston as compared with previous years. The

epidemic of the year ending January 31, 1909, and also that for the year ending January 31, 1910, were controlled by means of the South Department. If there had been greater accommodations, so that patients ill with scarlet fever could have been admitted immediately to the South Department, these outbreaks would not have been so general. As it is, the ratio of mortality for 1909 is not very high, being only one and a fraction. The average ratio of morbidity from 1886 to 1894, inclusive, is 33.97. The average ratio of morbidity from 1895, the year that the South Department was opened, to 1909, inclusive, is 27. For the corresponding periods the ratio of mortality in the first period is 2.87, while that in the second is 1.61.

Table No. 1.

DISBURSEMENTS ACCORDING TO VARIOUS SUBDIVISIONS.

	The Boston City Hospital.	Out-Patient Department.	Pathological Department.	X-Ray and Photographic Departments.	Settlement Account.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Total.
Subsistence supplies	$95,349 27					$31,310 19	$5,707 91	$3,113 88	$2,523 03	$138,004 28
Fuel	10,393 53	$4,336 98	$1,445 67			7,137 17	1,622 50	758 45	509 31	26,203 61
Medical supplies	24,906 78	3,742 04	1,703 12	$936 83		2,479 66	1,502 10	451 94	67 78	35,790 25
Salaries and labor	127,994 09	6,537 67	7,249 72	2,854 58	$30 00	48,706 01	15,455 75	8,523 17	3,657 19	221,008 18
Buildings, repairs	8,758 47	506 98	232 57			3,274 07	2,045 04	110 88	506 21	15,434 22
Grounds	934 84					306 47	11 31	11 36	1,732 36	2,996 34
Ice	2,917 02					975 86	223 49	152 26	146 87	4,415 50
Electric lighting, power and gas,	3,961 60	67 49	278 92	524 00		992 51	805 69	724 70	200 35	7,555 26
Soap, cleansing stuffs, matches, etc.	2,788 65	29 63	20 93			1,022 26	124 47	103 68	76 83	4,166 45
Removal of ashes	1,016 00							53 00		1,069 00
Furniture, furnishings and fixtures	7,035 86	283 16	70 07		134 00	2,656 51	543 71	102 98	182 37	11,008 66
Beds and bedding	4,336 85	33 66	27 79			1,447 53	283 14	14 71	24 98	6,168 66
Dry goods, uniforms and clothing	4,049 44	66 92	32 91			1,585 70	123 95	40 71	52 39	5,952 02
Medical library	242 46									242 46
Stationery, printing and advertising	3,779 47	605 81	121 97	94 26	593 24	655 42	328 87	106 26	33 38	6,318 68
Transportation	268 98		3 00			16 70	286 32	201 55	79 70	856 25
Telephones and telegraphs	1,543 82	62 98	9 97	3 34		470 76	322 11	113 87	45 49	2,572 34
Laundry, repairs, etc.	2,979 63	50 79	25 39	25 39		344 41	203 16	101 58		3,730 35
Stable and ambulance station	2,698 70					1,577 80	895 99	72 35	350 21	5,595 05
Barn and live stock									127 18	127 18
Training School for Nurses	678 75					152 01				830 76
Annual reports	193 93					96 96				290 89
Carried forward	$306,828 14	$16,324 11	$11,222 03	$4,438 40	$757 24	$105,208 00	$30,485 51	$14,757 33	$10,315 63	$500,336 39

Table No. 1.—*Concluded.*

		The Boston City Hospital.	Out-Patient Department.	Pathological Department.	X-Ray and Photographic Departments.	Settlement Account.	South Department.	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Total.
Brought forward		$306,828 14	$16,324 11	$11,222 03	$4,438 40	$757 24	$105,208 00	$30,485 51	$14,757 33	$10,315 63	$500,336 39
Card cataloguing clinical records		312 00	.....	.....	.....	.....	.....	.....	.....	.....	312 00
Incidentals		1,176 64	35 00	62 05	.....	.....	24 95	1 40	12 38	6 51	1,318 93
Totals		$308,316 78	$16,359 11	$11,284 08	$4,438 40	$757 24	$105,232 95	$30,486 91	$14,769 71	$10,322 14	$501,967 32
Improvement of the heating system at main hospital		100,018 47	.....	.....	.....	.....	.....	.....	.....	.....	100,018 47
Totals		$408,335 25	$16,359 11	$11,284 08	$4,438 40	$757 24	$105,232 95	$30,486 91	$14,769 71	$10,322 14	$601,985 79
Charged from hospital on account of board of employees to Out-Patient Department	$2,457 00	.....	+2,457 00								
Haymarket Square Relief Station	910 00	.....	.....	.....	.....	.....	.....	+910 00			
East Boston Relief Station	546 00	.....	.....	.....	.....	.....	.....	.....	+546 00		
		−3,913 00									
Totals		$404,422 25	$18,816 11	$11,284 08	$4,438 40	$757 24	$105,232 95	$31,396 91	$15,315 71	$10,322 14	$601,985 79

Table No. 2.

STATEMENT SHOWING COST PER PATIENT PER DAY IN THE DIFFERENT DEPARTMENTS FOR YEAR ENDING JANUARY 31, 1910.

	Main Hospital.		Out-Patient Department	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Totals.	Cost per In-Patient and Out-Patient per day in all Departments in cents.
	Expenditures for Ward Patients.	Cost per Ward Patient per day in cents.	Expenditures for Out-Patients.	Expenditures for Patients.	Expenditures for Patients.	Expenditures for Patients.		
Administration expenses	$32,104 53	$0 13	$1,168 75	$4,890 43	$2,746 76	$1,128 87	$42,039 34	$0 10
Professional care of patients:								
Superintendent of nurses and assistants	5,250 00	02	.....	735 00	615 00	.....	6,600 00	02
Nurses	16,540 00	07	500 00	904 00	492 00	420 00	18,856 00	04
Supervisors and orderlies	22,370 00	09	2,050 00	2,720 00	1,545 00	.....	28,685 00	07
Ward employees	8,080 00	03	.....	750 00	.....	.....	8,830 00	02
Nurses' Home and Vose House	3,822 73	01	.....	.....	.....	.....	3,822 73	01
Apothecaries	2,450 00	01	200 00	87 50	165 00	40 00	2,942 50	01
Medical and surgical supplies	27,386 44	11	3,538 49	1,502 10	451 94	67 78	32,946 75	08
Pathological Laboratory	98% 11,058 40	04	1% 112 84	1% 112 84	.....	.....	11,284 08	03
X-Ray and Photographic Department	60% 2,663 04	01	40% 1,775 36	.....	.....	.....	4,438 40	01
Settlement account	100% 757 24	.....	.....	.....	.....	.....	757 24	
Training School for Nurses	1,208 03	01	.....	.....	.....	.....	1,208 03	
Ambulance	9,466 50	04	.....	2,745 99	72 35	.....	12,284 84	03
Barn, live stock and wagonette	.....	.....	.....	.....	.....	1,025 44	1,025 44	
Housekeeping	25,828 95	10	1,830 20	1,094 84	833 46	780 97	30,368 42	07
Equipment	15,476 75	07	520 37	826 85	117 69	207 35	17,149 01	04
Steward's department *	128,639 46	51	22 00	5,817 91	3,157 88	2,567 03	140,204 28	32
Kitchen and dining room	13,118 00	05	.....	720 00	620 00	535 00	14,993 00	03
Carried forward	$326,220 07	.....	$11,718 01	$22,907 46	$10,817 08	$6,772 44	$378,435 06	$0 88

* In steward's department at main hospital $1,980 were paid for salaries and $126,659.46 for subsistence supplies.

Table No. 2.—*Concluded.*

	Main Hospital.		Out-Patient Department	Haymarket Square Relief Station.	East Boston Relief Station.	Convalescent Home.	Totals.	Cost per In-Patient and Out-Patient per day in all Departments in cents.
	Expenditures for Ward Patients.	Cost per Ward Patient per day in cents.	Expenditures for Out-Patients.	Expenditures for Patients.	Expenditures for Patients.	Expenditures for Patients.		
Brought forward	$326,220 07	.....	$11,718 01	$22,907 46	$10,817 08	$6,772 44	$378,435 06	$0 88
Laundry	18,484 04	$0 07	225 79	827 16	376 58	260 00	20,173 57	05
Heat, light and power	46,795 01	20	5,314 53	3,854 49	2,973 76	718 70	59,656 49	13
Buildings and grounds	27,970 10	12	953 98	2,448 18	227 91	2,317 47	33,917 64	08
Miscellaneous expenses	8,559 19	04	35 00	562 46	374 38	253 53	9,784 56	02
	$428,028 41	.....	$18,247 31	$30,599 75	$14,769 71	$10,322 14	$501,967 32	
Add expenditures account, improvement of heating system	+100,018 47	.....	.....	.....	.....	.....	+100,018 47	
	$528,046 88							
Deduct board of employees	—3,913 00							
Add board of employees	.....	.....	+2,457 00	+910 00	+546 00			
Total operating expenses	$524,133 88	.....	$20,704 31	$31,509 75	$15,315 71	$10,322 14	$601,985 79	
Add difference in stock on hand less than February 1, 1909	+4,405 59	.....	.....	.....	+157 78	.....	+4,563 37	
							$606,549 16	
Deduct difference in stock on hand more than February 1, 1909	.....	.....	.....	—104 59	.....	—436 23	—540 82	
	$528,539 47						$606,008 34	
Deduct expenditures account permanent improvement	—100,018 47	.....	.....	.....	.....	.....	—100,018 47	
Amounts properly chargeable to maintenance	$428,521 00	.....	$20,704 31	$31,405 16	$15,473 49	$9,885 91	$505,989 87	
Total patients days' treatment	247,792	.....	135,992	36,940	9,057	7,078	436,859	
Cost	.....	$1 73	$0 15	$0 85	$1 71	$1 40	.....	$1 16

Table No. 3.

STATEMENT SHOWING COST PER PATIENT PER DAY FOR ALL DEPARTMENTS FOR YEAR ENDING JANUARY 31, 1910.

Administration expenses	$42,039 34
Professional care of patients:	
Superintendent of nurses and assistants	6,600 00
Nurses	18,856 00
Supervisors and orderlies	28,685 00
Ward employees	8,830 00
Nurses' Home and Vose House	3,822 73
Apothecaries	2,942 50
Medical and surgical supplies	32,946 75
Pathological laboratory	11,284 08
X-Ray and Photographic Department	4,438 40
Settlement account	757 24
Training School for Nurses	1,208 03
Ambulance	12,284 84
Barn, live stock and wagonette	1,025 44
Housekeeping	30,368 42
Equipment	17,149 01
Steward's department *	140,204 28
Kitchen and dining room	14,993 00
Laundry	20,173 57
Heat, light and power	59,656 49
Buildings and grounds	33,917 64
Miscellaneous expenses	9,784 56
	$501,967 32
Add expenditures account, improvement of heating system	100,018 47
Total operating expenses	$601,985 79
Add difference in stock on hand less than February 1, 1909	4,563 37
	$606,549 16
Deduct difference in stock on hand more than February 1, 1909	540 82
Carried forward	$606,008 34

* In steward's department $2,200 was paid for salaries and $138,004.28 for subsistence supplies.

Brought forward	$606,008 34
Deduct expenditures account permanent improvements	100,018 47
Amount properly chargeable to maintenance	$505,989 87
Total patients days' treatment	436,859
Cost	$1 16

Table No. 4.

OPERATING EXPENSES FOR THE YEAR ENDING JANUARY 31, 1910.

Hospital Proper.

(Not including Out-Patient Department.)

Administration Expenses.

Salaries:			
Officers	$8,512 50		
Clerks	4,500 00		
Telephone operators	1,460 00		
One executive supervisor and five center orderlies	2,400 00		
		$16,872 50	
Office Expenses:			
Printing	$1,861 28		
Stationery	1,082 73		
Postage	452 79		
Telephone rentals	1,041 20		
Telephone, telegraph and messenger service,	285 64		
Advertising	382 67		
		5,106 31	
Total administration expenses			$21,978 81

Professional Care of Patients.

Salaries and Wages:				
Superintendent of nurses and assistants		$3,300 00		
Nurses		11,400 00		
Supervisors and orderlies		18,950 00		
Ward employees		5,100 00		
			$38,750 00	
Nurses' Houses:				
Wages, employees		$3,600 00		
Repairs and expenses		222 73		
			3,822 73	
Dispensary:				
Salaries, apothecaries		$1,350 00		
Medical and Surgical Expenses:				
Instruments and appliances,	$4,536 75			
Surgical supplies	8,450 26			
Medical supplies	7,421 78			
Alcohol, liquors and wines	4,497 99			
		24,906 78		
			26,256 78	
Total professional care of patients				68,829 51
Carried forward				$90,808 32

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Hospital Proper.— Continued.

Brought forward					$90,808 32
		Department Expenses.			
Pathological Laboratory:					
Salaries and wages		$7,249 72			
Office expenses, printing, stationery, etc.,	$125 26				
Supplies	1,703 12				
Equipment	97 86				
Heat and light	1,735 45				
Building repairs	232 57				
Sundry expenses	140 10				
		4,034 36			
			$11,284 08		
				$7,108 97 (63%)	
X-Ray and Photographic Department:					
Salaries and wages		$2,854 58			
Office expenses	$94 26				
Supplies	936 83				
Electric power purchased	524 00				
Sundry expenses	28 73				
		1,583 82			
			$4,438 40		
				2,663 04 (60%)	
Settlement Account:					
Wages		$30 00			
Office expenses, printing, etc.	$593 24				
Equipment	134 00				
		727 24			
			$757 24		
				378 62 (50%)	
Training School for Nurses:					
Salaries:					
Instructor of nurses		$600 00			
Massage teacher		175 00			
Cooking school teacher		96 00			
Lectures, physicians		72 00			
			$943 00		
Supplies, circulars, diplomas, etc.			44 32		
Supplies, Cooking School			68 70		
				1,056 02	
Ambulance:					
Wages, foreman and drivers			$3,100 00		
Horseshoeing, repairs, etc.		$1,853 46			
Hay, straw and grain		824 38			
Stable supplies		20 86			
			2,698 70		
				5,798 70	
Housekeeping:					
Salaries and wages			$10,000 00		
House cleaning			2,396 99		
Supplies			5,488 35		
				17,885 34	
Equipment:					
Furniture			$436 43		
Furnishings and fixtures			6,599 43		
Beds and bedding			4,336 85		
				11,372 71	
Steward's Department:					
Salaries and wages			$1,520 00		
Carried forward			$1,520 00	$46,263 40	$90,808 32

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Hospital Proper.— Continued.

Brought forward		$1,520 00	$46,263 40	$90,808 32
Provisions:				
Meat, poultry and fish	$34,727 14			
Dairy products and eggs	41,880 67			
Fruit and vegetables	8,473 92			
Flour and cereals	4,545 37			
Groceries	5,722 17			
		95,349 27		
			96,869 27	
Kitchen and Dining Room:				
Wages, cooks and kitchen employees		$7,600 00		
Wages, table girls		1,700 00		
			9,300 00	
Laundry:				
Salaries and wages		$10,780 00		
Supplies and expenses		2,979 63		
			13,759 63	
Heat, Light and Power:				
Salaries and wages		$18,800 00		
Fuel	$10,393 53			
Gas	2,199 59			
Electric light purchased	600 28			
Electric light system	1,161 73			
Removal of ashes	1,016 00			
Sundry supplies	355 22			
		15,726 35		
			34,526 35	
Total department expenses				200,718 65

Buildings and Grounds.

Buildings:				
Boilers and heating apparatus,	$3,482 16			
Refrigerating plant	194 95			
Drains and sewers	265 97			
New watch clock and installing,	71 50			
		$4,014 58		
Wages:				
Elevatormen	$1,820 00			
Gate porters	654 60			
		2,474 60		
Repairs to buildings	$3,203 52			
Wages, carpenters	3,600 00			
Wages, painters, $2,050 00				
Supplies 481 07				
	2,531 07			
Wages, plumbers $780 00				
Supplies 1,000 55				
	1,780 55			
		11,115 14		
			$17,604 32	
Grounds:				
Salaries and wages		$2,020 00		
Supplies and expenses		934 84		
			2,954 84	
Total buildings and grounds				20,559 16

Miscellaneous Expenses.

Ice	$2,917 02	
Transportation	268 98	
Insurance	432 13	
Clothing for patients	976 12	
Uniforms, caps, etc.	294 13	
Carried forward	$4,888 38	$312,086 13

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Hospital Proper.— Concluded.

Brought forward		$4,888 38	$312,086 13
Medical library		242 46	
Cataloguing clinical records		312 00	
Annual reports		193 93	
Incidentals		744 51	
Total miscellaneous expenses			6,381 28
			$318,467 41

Summary.

Administration expenses	$21,978 81
Professional care of patients	68,829 51
Department expenses	200,718 65
Buildings and grounds	20,559 16
Miscellaneous expenses	6,381 28
	$318,467 41

Deductions.

Board of employees, Out-Patient Department	$2,457 00	
Board of employees, Haymarket Square Relief Station	910 00	
Board of employees, East Boston Relief Station	546 00	
		3,913 00
Total operating expenses, hospital proper, for maintenance		$314,554 41

Out-Patient Department.

Administration Expenses.

Salaries and wages (apportioned)		$530 00	
Office expenses:			
Printing	$474 57		
Stationery	131 24		
Telephone rentals	32 94		
		638 75	
Total administration expenses			$1,168 75

Professional Care of Patients.

Salaries and wages:				
Nurses		$500 00		
Supervisors and orderlies		2,050 00		
			$2,550 00	
Dispensary:				
Wages (apportioned)		$200 00		
Medical and Surgical Expenses:				
Surgical instruments and appliances	$218 18			
Surgical supplies,	2,036 78			
Medical supplies,	1,282 63			
Alcohol, liquors and wines	90			
		3,538 49		
			3,738 49	
Total professional care of patients				6,288 49

Department Expenses.

Pathological Laboratory ($11,284.08), 1%		$112 84		
X-Ray and Photographic Departments ($4,438.40), 40%		1,775 36		
Carried forward		$1,888 20	$7,457 24	$314,554 41

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Out-Patient Department.— Concluded.

Brought forward			$1,888 20	$7,457 24	$314,554 41
Housekeeping:					
Wages		$1,610 00			
House cleaning		130 72			
Supplies		89 48			
			1,830 20		
Equipment:					
Furnishings and fixtures		$283 16			
Beds and bedding		33 66			
Apparatus		203 55			
			520 37		
Steward's Department:					
Salaries (apportioned)			22 00		
Laundry:					
Wages		$175 00			
Supplies		50 79			
			225 79		
Heat, light and power:					
Salaries and wages (apportioned)		$872 95			
Fuel	$4,336 98				
Gas	38 09				
Electric power purchased	29 40				
Supplies	37 11				
		4,441 58			
			5,314 53		
Total department expenses				9,801 09	
Buildings.					
Boilers and heating apparatus			$411 53		
Wages:					
Elevator men			364 00		
Building repairs			27 00		
Wages, painter (apportioned)			33 00		
Wages, plumber (apportioned)		$50 00			
Plumbing supplies		68 45			
			118 45		
Total buildings				953 98	
Miscellaneous Expenses.					
Insurance			$35 00		
Total miscellaneous expenses				35 00	
				$18,247 31	
Summary.					
Administration expenses			$1,168 75		
Professional care of patients			6,288 49		
Department expenses			9,801 09		
Buildings			953 98		
Miscellaneous expenses			35 00		
			$18,247 31		
Add board of employees				2,457 00	
Total operating expenses, Out-Patient Department, for maintenance,					20,704 31
Carried forward					$335,258 72

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Brought forward					$335,258 72

South Department.

Administration Expenses.

Salaries:					
Officers		$5,050 00			
Clerks		2,491 05			
Telephone operators		698 56			
Center orderlies		810 00			
			$9,049 61		
Office Expenses:					
Printing		$436 21			
Stationery		209 21			
Postage		10 00			
Telephone rentals		268 14			
Telephone, telegraph and messenger		152 55			
			1,076 11		
Total administration expenses				$10,125 72	

Professional Care of Patients.

Salaries and Wages:					
Superintendent of nurses and assistants		$1,950 00			
Nurses		5,140 00			
Supervisors and orderlies		3,420 00			
Ward employees		2,980 00			
			$13,490 00		
Dispensary:					
Salaries, apothecaries		$1,100 00			
Medical and surgical expenses:					
Instruments and appliances	$463 07				
Surgical supplies,	477 07				
Medical supplies,	1,123 23				
Alcohol, liquors and wines	416 29				
		2,479 66			
			3,579 66		
Total professional care of patients				17,069 66	

Department Expenses.

Pathological Laboratory ($11,284.08), 35%			$3,949 43		
Settlement account ($757.24), 50%			378 62		
Training School for Nurses		$129 11			
Cooking School supplies from Boston City Hospital		22 90			
			152 01		
Ambulance:					
Wages		$2,090 00			
Horseshoeing, repairs, etc.	$1,085 98				
Hay, straw and grain	479 67				
Stable supplies	12 15				
		1,577 80			
			3,667 80		
Carried forward			$8,147 86	$27,195 28	$335,258 72

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

South Department.— Continued.

Brought forward			$8,147 86	$27,195 38	$335,258 72
Housekeeping:					
Wages		$5,860 00			
House cleaning		560 00			
Supplies		1,523 61			
			7,943 61		
Equipment:					
Furniture		$524 86			
Furnishings and fixtures		2,131 65			
Beds and bedding		1,447 53			
			4,104 04		
Steward's Department:					
Salaries and wages		$460 00			
Provisions:					
Meat, poultry and fish	$9,388 70				
Dairy products and eggs	14,923 84				
Fruit and vegetables	2,758 62				
Flour and cereals,	2,392 56				
Groceries	1,846 47				
		31,310 19			
			31,770 19		
Kitchen and Dining Room:					
Wages, cooks and kitchen employees		$2,875 00			
Wages, table girls		943 00			
			3,818 00		
Laundry:					
Salaries and wages		$4,380 00			
Supplies and expenses		344 41			
			4,724 41		
Heat, Light and Power:					
Salaries and wages		$4,068 00			
Fuel	$7,137 17				
Gas	714 80				
Electric light system	277 71				
Supplies	70 98				
		8,200 66			
			12,268 66		
Total department expenses				72,776 77	

Buildings and Grounds.

Buildings:					
Boilers and heating apparatus		$664 66			
Building repairs		1,470 77			
Wages, carpenter		1,000 00			
Wages, painter	$1,580 00				
Painting supplies,	898 53				
		2,478 53			
Wages, plumber,	$410 40				
Plumbing supplies	240 11				
		650 51			
Wages, night watchman		420 00			
			$6,684 47		
Carried forward			$6,684 47	$99,972 15	$335,258 72

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

South Department.— Concluded.

Brought forward			$6,684 47	$99,972 15	$335,258 72
Grounds:					
Wages		$420 00			
Supplies		306 47			
			726 47		
Total buildings and grounds				7,410 94	
Miscellaneous Expenses.					
Ice			$975 86		
Transportation			16 70		
Clothing for patients			1,045 26		
Uniforms, caps, etc.			18 18		
Annual reports (apportioned)			96 96		
Incidentals			24 95		
Total miscellaneous expenses				2,177 91	
Summary.					
Administration expenses			$10,125 72		
Professional care of patients			17,069 66		
Department expenses			72,776 77		
Building and grounds			7,410 94		
Miscellaneous expenses			2,177 91		
			$109,561 00		
Total operating expenses, South Department, for maintenance					109,561 00

Haymarket Square Relief Station.

Administration Expenses.					
Salaries:					
Officers		$2,760 00			
Desk orderlies		1,140 00			
One copyist		363 42			
			$4,263 42		
Office Expenses:					
Printing		$236 72			
Stationery		85 65			
Postage		6 50			
Telephone rentals		276 32			
Telephone, telegraph and messenger		21 82			
			627 01		
Total administration expenses				$4,890 43	
Professional Care of Patients.					
Salaries and Wages:					
Matron, etc.		$735 00			
Nurses		904 00			
Supervisor and orderlies		2,720 00			
Ward employees		750 00			
			$5,109 00		
Dispensary:					
Salary, apothecary (apportioned),		$87 50			
Medical and Surgical Expenses:					
Instruments and appliances	$264 98				
Surgical supplies	912 86				
Carried forward,	$1,177 84	$87 50	$5,109 00	$4,890 43	$444,819 72

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Haymarket Square Relief Station.— Continued.

Brought forward,	$1,177 84	$87 50	$5,109 00	$4,890 43	$444,819 72
Medical supplies .	307 01				
Alcohol, liquors and wines . . .	17 25				
		1,502 10			
			1,589 60		
Total professional care of patients				6,698 60	

Department Expenses.

Pathological Laboratory ($11,284.08), 1% .			$112 84		
Ambulance:					
Salaries and wages . . .		$1,850 00			
Horseshoeing, repairs, etc.	$531 10				
Hay, straw and grain,	361 89				
Stable supplies . .	3 00				
		895 99			
			2,745 99		
Housekeeping:					
Wages		$900 00			
Supplies		194 84			
			1,094 84		
Equipment:					
Furniture		$150 03			
Furnishings and fixtures . .		393 68			
Beds and bedding . . .		283 14			
			826 85		
Steward's Department:					
Salaries and wages (apportioned),		$110 00			
Provisions:					
Meat, poultry and fish . .	$2,183 20				
Dairy products and eggs . . .	1,798 40				
Fruit and vegetables,	778 47				
Flour and cereals .	311 87				
Groceries . .	635 97				
		5,707 91			
			5,817 91		
Kitchen and Dining Room:					
Wages, cook and kitchen employee		$540 00			
Wages, table girl . . .		180 00			
			720 00		
Laundry:					
Wages		$624 00			
Supplies and expenses . .		203 16			
			827 16		
Heat, Light and Power:					
Salaries and wages . . .		$1,400 00			
Fuel . . .	$1,622 50				
Gas . . .	60 62				
Electric light purchased . .	745 07				
Supplies . .	26 30				
		2,454 49			
			3,854 49		
Total department expenses				16,000 08	
Carried forward				$27,589 11	$444,819 72

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

Haymarket Square Relief Station.— Concluded.

Brought forward				$27,589 11	$444,819 72

Buildings and Grounds.

Buildings:					
Boilers and heating apparatus,		$31 21			
Wages, elevatorman		364 00			
Building repairs		136 64			
Painting		1,689 57			
Wages, plumber	$24 16				
Plumbing supplies	187 62				
		211 78			
			$2,433 20		
Grounds:					
Wages		$3 67			
Supplies and expenses		11 31			
			14 98		
Total buildings and grounds				2,448 18	

Miscellaneous Expenses.

Ice			$223 49		
Transportation			286 32		
Clothing for patients			48 25		
Uniforms, caps, etc.			3 00		
Incidentals			1 40		
Total miscellaneous expenses				562 46	
				$30,599 75	

Summary.

Administration expenses			$4,890 43		
Professional care of patients			6,698 60		
Department expenses			16,000 08		
Buildings and grounds			2,448 18		
Miscellaneous expenses			562 46		
			$30,599 75		
Add board of employees				910 00	
Total operating expenses, Haymarket Square Relief Station, for maintenance					31,509 75

East Boston Relief Station.

Administration Expenses.

Salaries:					
Officers		$2,050 00			
Clerks		481 50			
			$2,531 50		
Office Expenses:					
Printing		$63 11			
Stationery		42 15			
Postage		1 00			
Telephone rentals		108 00			
Telephone, telegraph and messenger		1 00			
			215 26		
Total administration expenses				$2,746 76	
Carried forward				$2,746 76	$476,329 47

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.—*Continued.*

East Boston Relief Station.—Continued.

Brought forward				$2,746 76	$476,329 47
Professional Care of Patients.					
Salaries and Wages:					
Matron, etc.		$615 00			
Nurses		492 00			
Supervisor and orderlies		1,545 00			
			$2,652 00		
Dispensary:					
Salary, apothecary (apportioned),		$165 00			
Medical and Surgical Expenses:					
Instruments and appliances	$98 95				
Surgical supplies	299 69				
Medical supplies	48 00				
Alcohol, liquors and wines	5 30				
		451 94			
			616 94		
Total professional care of patients				3,268 94	
Department Expenses.					
Ambulance:					
Expenses (apportioned)			$72 35		
Housekeeping:					
Wages		$691 00			
House cleaning		9 00			
Supplies		133 46			
			833 46		
Equipment:					
Furniture		$7 95			
Furnishings and fixtures		95 03			
Bedding		14 71			
			117 69		
Steward's Department:					
Salaries and wages (apportioned)		$44 00			
Provisions:					
Meat, poultry and fish	$1,218 93				
Dairy products and eggs	914 53				
Fruit and vegetables	506 48				
Flour and cereals	163 25				
Groceries	310 69				
		3,113 88			
			3,157 88		
Kitchen and Dining Room:					
Wages, cook		$360 00			
Wages, kitchen employee		260 00			
			620 00		
Laundry:					
Wages		$275 00			
Supplies and expenses		101 58			
			376 58		
Heat, Light and Power:					
Salaries and wages		$1,430 00			
Fuel	$758 45				
Gas	284 40				
Carried forward,	$1,042 85	$1,430 00	$5,177 96	$6,015 70	$476,329 47

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Continued.*

East Boston Relief Station.— Concluded.

Brought forward,	$1,042 85	$1,430 00	$5,177 96	$6,015 70	$476,329 47
Electric light purchased	440 30				
Supplies and expenses	60 61				
		1,543 76			
			2,973 76		
Total department expenses				8,151 72	
Buildings and Grounds.					
Buildings:					
Boilers and heating		$30 99			
Building repairs		55 09			
Wages:					
Carpenter		100 00			
Painting		24 80			
Plumbing		2 00			
			$212 88		
Grounds:					
Wages		$3 67			
Care of grounds		11 36			
			15 03		
Total buildings and grounds				227 91	
Miscellaneous Expenses.					
Ice			$152 26		
Transportation and express			201 55		
Clothing for patients			8 19		
Incidentals			12 38		
Total miscellaneous expenses				374 38	
				$14,769 71	
Summary.					
Administration expenses			$2,746 76		
Professional care of patients			3,268 94		
Department expenses			8,151 72		
Buildings and grounds			227 91		
Miscellaneous expenses			374 38		
			$14,769 71		
Add board of employees				546 00	
Total operating expenses, East Boston Relief Station, for maintenance					15,315 71

Convalescent Home.

Administration Expenses.					
Salaries:					
Central administration (apportioned)		$330 00			
Matron		720 00			
			$1,050 00		
Office Expenses:					
Stationery		$26 88			
Postage		6 50			
Telephone rentals		45 19			
Telephone, telegraph and messenger		30			
			78 87		
Total administration expenses				$1,128 87	
Carried forward				$1,128 87	$491,645 18

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.—*Continued.*

Convalescent Home.—Continued.

Brought forward				$1,128 87	$491,645 18
Professional Care of Patients.					
Salary:					
Head nurse			$420 00		
Dispensary:					
Salary, apothecary (apportioned)		$40 00			
Medical and Surgical Expenses:					
Surgical supplies	$14 44				
Medical supplies	50 94				
Alcohol, liquors and wines	2 40				
		67 78			
			107 78		
Total professional care of patients				527 78	
Department Expenses.					
Farm:					
Wages, farmer		$360 00			
Wagonette		352 48			
Barn and live stock		127 18			
Hay, straw and grain		185 78			
			$1,025 44		
Housekeeping:					
Wages		$572 00			
House cleaning		105 00			
Supplies		103 97			
			780 97		
Equipment:					
Furniture		$45 95			
Furnishings and fixtures		136 42			
Bedding		24 98			
			207 35		
Steward's Department:					
Salaries and wages (apportioned)		$44 00			
Provisions:					
Meat, poultry and fish	$929 74				
Dairy products and eggs	708 77				
Fruit and vegetables	412 31				
Flour and cereals	193 42				
Groceries	278 79				
		2,523 03			
			2,567 03		
Kitchen and Dining Room:					
Wages, cook		$420 00			
Wages, housemaid		115 00			
			535 00		
Laundry:					
Wages			260 00		
Heat and Light:					
Wages		$4 24			
Fuel		509 31			
Gas		97 97			
Carried forward		$611 52	$5,375 79	$1,656 65	$491,645 18

OPERATING EXPENSES FOR THE YEAR ENDING JAN. 31, 1910.— *Concluded.*

Convalescent Home.— Concluded.

Brought forward . . .	$611 52	$5,375 79	$1,656 65	$491,645 18
Electric light purchased . .	102 38			
Supplies	4 80			
		718 70		
Total department expenses			6,094 49	

Buildings and Grounds.

Buildings:				
Heating apparatus . . .	$29 25			
Building repairs . . .	431 02			
Painting	30 42			
Wages, plumber, $3 90				
Plumbing supplies . . 15 52				
	19 42			
		$510 11		
Grounds:				
Wages, gardener (apportioned),	$75 00			
Care of grounds	1,732 36			
		1,807 36		
Total buildings and grounds			2,317 47	

Miscellaneous Expenses.

Ice		$146 87		
Transportation and express		79 70		
Clothing for patients		20 45		
Incidentals		6 51		
Total miscellaneous expenses			253 53	

Summary.

Administration expenses		$1,128 87		
Professional care of patients		527 78		
Department expenses		6,094 49		
Buildings and grounds		2,317 47		
Miscellaneous expenses		253 53		
		$10,322 14		
Total operating expenses, Convalescent Home, for maintenance . .				10,322 14
Total operating expenses, all departments, for maintenance . . .				$501,967 32
Add expenditures account improvement of heating system . . .				100,018 47
Total operating expenses, all departments				$601,985 79

Table No. 5.

DISBURSEMENTS FROM FEBRUARY 1, 1909, TO JANUARY 31, 1910, INCLUSIVE.

All Departments.

ARTICLES.	Quantity.	Average Price.	Cost.
The Boston City Hospital, Haymarket Square Relief Station, East Boston Relief Station and Convalescent Home.			
SUBSISTENCE SUPPLIES.			
Beef and veal	184,114 lbs.	$0.111 per lb.	$20,508 20
Mutton and lamb	66,454 "	.133 "	8,864 29
Poultry	62,300 "	.180 "	11,193 26
Pork and hams	25,635 "	.133 "	3,403 56
Fish			4,380 10
Lard	7,135 lbs.	.083 per lb.	592 97
Milk	64,707 cans	.420 per can	27,202 37
Butter	48,544 lbs.	.322 per lb.	15,619 42
Cheese	1,848 "	.164 "	303 73
Eggs	43,696 doz.	.391 per doz.	17,100 69
Vegetables, fresh			7,210 00
Vegetables, canned			696 16
Fruit, fresh			4,413 14
Fruit, canned			610 50
Flour	870¼ bbls.	5.668 per bbl.	4,932 77
Graham flour	21⅝ "	4.138 "	89 48
Oatmeal	88 "	5.617 "	494 23
Cornstarch and farina	2,480 lbs.	.041 per lb.	100 45
Rice	6,783 "	.041 "	277 69
Other cereals			1,711 85
Groceries			1,620 59
Coffee	11,643 lbs.	.149 per lb.	1,737 24
Tea	3,062 "	.192 "	586 90
Chocolate and cocoa	1,626 "	.298 "	484 91
Sugar	83,525 "	.050 "	4,161 72
Molasses and syrup	626 gals.	.324 per gal.	202 73
			$138,498 95
Deduct credit on bones and tallow			494 67
			$138,004 28
Carried forward			$138,004 28

DISBURSEMENTS FROM FEB. 1, 1909, TO JAN. 31, 1910, INCLUSIVE.—*Cont.*

ARTICLES.	Cost.	Total.
Brought forward	.....	$138,004 28
GENERAL SUPPLIES.		
Printing	$2,597 32	
Stationery	1,446 62	
Postage	476 79	
Advertising proposals, etc	382 67	
Telephone rentals	1,738 85	
Telephone, telegraph and messenger service	461 31	
Nurses' Home	104 10	
Vose House	118 63	
Training School for Nurses	443 33	
Cooking school	164 70	
Stable and ambulance	3,684 87	
Barn and live stock	127 18	
Hay, straw and grain	1,873 62	
Stable supplies	36 56	
Soap and cleansing stuffs	3,946 87	
Dry goods	3,438 61	
Furniture	1,165 22	
Furnishings	8,240 15	
Fixtures	1,116 06	
Bedsteads	195 82	
Mattresses	264 60	
Bedding	5,646 79	
Laundry supplies	3,628 78	
Gas, 4,218,100 cubic feet at $0.796 per 1,000 cubic feet	3,357 38	
Electric light purchased	1,888 03	
Electric light system	1,439 44	
Electrical appliances	295 89	
Kerosene, matches and candles	169 02	
Removal of ashes	1,069 00	
Ice, 1,493$\frac{1918}{2000}$ tons at $2.956 per ton	4,415 50	
Transportation and express	853 25	
Insurance	432 13	
Clothing for patients	2,098 27	
Uniforms, caps, etc	315 31	
Medical library	242 46	
Carried forward	$57,875 13	$138,004 28

DISBURSEMENTS FROM FEB. 1, 1909, TO JAN. 31, 1910, INCLUSIVE.—*Cont.*

Articles.	Cost.	Total.
Brought forward	$57,875 13	$138,004 28
General Supplies.—*Concluded.*		
Annual reports	290 89	
Expense incurred in card cataloguing clinical records	312 00	
Incidentals not otherwise classified	789 75	59,267 77
Medical Supplies.		
Surgical appliances	$2,834 37	
Splints and crutches	321 14	
Surgical instruments	2,529 38	
Surgical dressings	1,309 04	
Bandage and compress materials	2,190 69	
Gauze	4,310 86	
Absorbent cotton	1,996 59	
Oakum	26 00	
Oxygen gas	88 55	
Sulphuric ether	644 79	
Medicine and drugs	6,048 78	
Druggists' sundries	1,731 29	
Flaxseed meal	437 55	
Alcohol	1,328 00	
Liquors	2,747 09	
Malt liquors and mineral waters	864 14	29,408 26
Fuel.		
Coal, 5,776$\frac{1221}{2240}$ tons at $3.52 per ton	$20,336 96	
Charcoal	84 00	20,420 96
Salaries and Labor.		
Salaries and labor	.....	204,336 21
Buildings.		
General repairs	$4,733 99	
Boilers and heating apparatus	4,238 27	
Painting	3,124 39	
Plumbing	1,443 80	
Drains and sewers	265 97	
Refrigerating plant	194 95	
Walls and fences	563 05	
New watch clock, including new wiring	71 50	
House cleaning	58 75	14,694 67
Carried forward	.....	$466,132 15

DISBURSEMENTS FROM FEB. 1, 1909, TO JAN. 31, 1910, INCLUSIVE.—*Cont.*

ARTICLES.	Cost.	Total.
Brought forward		$466,132 15
GROUNDS.		
Care of grounds		2,996 34
		$469,128 49
Deduct for board of employees, Out-Patient Department		2,457 00
Total expenditures in maintaining main departments for year ending January 31, 1910		$466,671 49
OUT-PATIENT DEPARTMENTS.		
Printing and stationery	$605 81	
Telephone rentals	32 94	
Soap and cleansing stuffs	22 56	
Dry goods	66 92	
Furnishings, fixtures and bedding	316 82	
Laundry	50 79	
Gas, 48,800 cubic feet at $0.78 per 1,000 cubic feet	38 09	
Electric power purchased	29 40	
Electrical appliances	30 04	
Kerosene, matches and candles	7 07	
Insurance	35 00	
Surgical instruments, appliances and apparatus	421 73	
Surgical dressings, gauze, etc	2,036 78	
Medical supplies	1,283 53	
Coal, 1,364 $\frac{997}{2240}$ tons at $3.179 per ton	4,336 98	
Salaries and labor	6,406 95	
House cleaning	130 72	
Building repairs, boilers and plumbing	506 98	
	$16,359 11	
Add for board of out-patient employees	2,457 00	18,816 11
PATHOLOGICAL DEPARTMENT.		
Printing, stationery and postage	$121 97	
Telephone rentals	3 29	
Soap and cleansing stuffs	16 75	
Dry goods	32 91	
Furniture, furnishings, fixtures, etc	97 86	
Laundry	25 39	
Gas, 339,200 cubic feet at $0.78 per 1,000 cubic feet	264 54	
Carried forward	$562 71	$485,487 60

DISBURSEMENTS FROM FEB. 1, 1909, TO JAN. 31, 1910, INCLUSIVE.— *Cont.*

ARTICLES.	Cost.	Total.
Brought forward	$562 71	$485,487 60
PATHOLOGICAL DEPARTMENT.— *Concluded.*		
Electric light system	14 38	
Electrical appliances	6 68	
Kerosene, matches and candles	4 18	
Incidentals	65 05	
Instruments, apparatus, laboratory ware, etc	1,088 41	
Chemicals	343 73	
Blood serum	107 75	
Alcohol	163 23	
Salaries and labor	7,249 72	
Coal, $454\frac{1737}{2240}$ tons at $3.179 per ton	1,445 67	
Building repairs and boilers and heating apparatus	232 57	
		11,284 08
X-RAY AND PHOTOGRAPHIC DEPARTMENT.		
Printing and stationery	$94 26	
Laundry	25 39	
Electric power purchased	524 00	
Electrical appliances	3 34	
X-ray and photographic supplies and apparatus	936 83	
Salaries and labor	2,854 58	
		4,438 40
SETTLEMENT ACCOUNT.		
Expense incurred in ascertaining settlement of patients,	.....	757 24
Total expenditures for maintenance of all departments	.....	$501,967 32
Improvement of the heating system at the main hospital	.....	100,018 47
Total disbursements	.....	$601,985 79
STOCK ON HAND FEBRUARY 1, 1909.		
All Departments.		
General supplies	$22,584 80	
Coal	5,775 02	
Medical supplies	3,837 83	
Liquors	339 90	
		32,537 55
Total expenditures for all purposes	.....	$634,523 34
Carried forward	.....	$634,523 34

DISBURSEMENTS FROM FEB. 1, 1909, TO JAN. 31, 1910, INCLUSIVE.—*Concl.*

ARTICLES.	Cost.	Total.
Brought forward		$634,523 34
DEDUCT.		
STOCK ON HAND FEBRUARY 1, 1910.		
All Departments.		
General supplies	$20,444 00	
Coal	4,305 00	
Medical supplies	3,513 00	
Liquors	253 00	28,515 00
Total operating expenses		$606,008 34
Deduct for improvement of the heating system		100,018 47
Total maintenance expenses		$505,989 87
DEDUCT REVENUE.		
Income from paying patients	$75,766 64	
Income collected by Board of Health for paying patients (contagious cases)	53,854 48	
Interest on trust funds	1,964 00	
Sale of old material	229 90	
Premium for unloading coal	17 50	
Commission on automatic telephone	34 81	
Refund for duplicate payment to orderly	4 29	131,871 62
Net cost to the city for maintaining all departments from February 1, 1909, to January 31, 1910, inclusive		$374,118 25

Table No. 6.

COMPARISON OF THE CENSUS AND EXPENDITURES AT THE BOSTON CITY HOSPITAL FOR THE FISCAL YEARS ENDING JANUARY 31, 1905, 1906, 1907, 1908, 1909, 1910.

POPULATION.	1904–05	1905–06	1906–07	1907–08	1908–09	1909–10
Number of inmates beginning fiscal year	747	672	700	766	784	859
Number received during year	12,258	11,583	13,258	13,145	13,650	12,970
Number discharged during year, including deaths	12,333	11,555	13,192	13,127	13,575	13,012
Number at end of fiscal year	672	700	766	784	859	817
Daily average attendance (*i. e.*, number inmates actually present) during fiscal year	643.7	624.3	696.9	718.9	822.3	705.8
Average number officers and employees during fiscal year,	549.9	550.7	543.2	535.9	593.3	596.6
Total average—inmates, officers and employees	1,193.6	1,175.0	1,240.1	1,254.8	1,415.6	1,302.4
EXPENDITURES.						
Current expenditures:						
Salaries and wages	$173,828 31	$174,862 16	$184,628 49	$201,824 45	$220,140 78	$204,336 21
Clothing	1,852 77	2,052 63	2,052 75	2,184 15	2,552 76	2,098 27
Subsistence of patients and employees	125,029 07	122,047 00	127,932 06	126,589 35	142,568 87	138,004 28
Ordinary repairs and replacements	38,871 15	34,529 17	29,230 21	25,170 28	20,209 62	19,164 57
Office, domestic, outdoor expenses	140,122 32	143,417 40	140,302 70	128,837 71	144,801 27	138,363 99
Extraordinary expenses:						
New building, land	.....	.....	38 00			
Permanent improvements	7,290 88	9,868 52	2,850 01	1,009 32	21,727 70	100,018 47
Grand totals	$486,994 50	$486,776 88	$487,034 22	$485,615 26	$552,001 00	$601,985 79
Deduct Out-Patient Department	13,592 33	13,550 33	15,477 72	14,248 27	24,104 15	18,816 11
Totals	$473,402 17	$473,226 55	$471,556 50	$471,366 99	$527,896 85	$583,169 68
Deduct money paid to City Treasurer for pay patients, etc.	59,387 16	101,197 86	91,870 68	117,194 47	128,736 20	131,871 62
Totals	$414,015 01	$372,028 69	$379,685 82	$354,172 52	$399,160 65	$451,298 06

(These figures include all departments of the hospital except Out-Patient Departments.)

COMPARISON OF THE CENSUS AND EXPENDITURES.—*Concluded.*

	1904–05	1905–06	1906–07	1907–08	1908–09	1909–10
Per capita cost per patient per week, including permanent improvements.....	$14 06	$14 54	$12 98	$12 57	$12 29	$15 85
Per capita cost per patient per week, exclusive of permanent improvements.....	13 85	14 23	12 90	12 55	11 78	13 13
Per capita cost per patient per week, deducting money paid to City Treasurer, including permanent improvements.....	12 85	11 90	10 94	9 81	9 60	12 26
Per capita cost per patient per week, deducting money paid to City Treasurer, also permanent improvements..	12 62	11 59	10 86	9 79	9 09	9 55

(These figures include all departments of the hospital except Out-Patient Departments.)

The tables of disbursements in this report show the expenditures of the Hospital Department during the fiscal year February 1, 1909, to January 31, 1910, inclusive. Table No. 1 shows the disbursements according to various subdivisions. Table No. 2 shows the cost per patient per day in the different departments for the year ending January 31, 1910. Table No. 3 shows the cost per patient per day for the year ending January 31, 1910. Table No. 4 shows the operating expenses for the year ending January 31, 1910. Table No. 5 shows the disbursements from February 1, 1909, to January 31, 1910, inclusive, in all departments. Table No. 6 is a comparison of the census and expenditures at the Boston City Hospital for the fiscal years ending January 31, 1905, 1906, 1907, 1908, 1909 and 1910. Table No. 7 shows the comparative net cost per patient at the main hospital, including the South Department, for twelve years. Table No. 8 shows the cost of maintenance for a house officer per day for the year ending January 31, 1910. Table No. 9 shows the cost of maintenance for a nurse per day for the year ending January 31, 1910.

The total expenditures during the fiscal year for the Hospital Department, in its various branches, have been $601,985.79 and the disbursements have been made as follows:

Hospital proper	$314,554 41
Out-Patient Department	20,704 31
South Department	109,561 00
Haymarket Square Relief Station	31,509 75
East Boston Relief Station	15,315 71
Convalescent Home	10,322 14
Improvement of the heating system at main hospital	100,018 47
Total	$601,985 79

Table No. 7.

STATEMENT OF NET PER CAPITA COST PER PATIENT, MAIN HOSPITAL, INCLUDING SOUTH DEPARTMENT, FOR PAST TWELVE YEARS.

YEAR.	Cost of Maintenance.	Paid into City Treasury.	Number of Weeks' Board.	Net Cost to the City per Year.	Net Cost per Week per Patient.
1898	$363,047 56	$87,742 40	32,690	$275,305 16	$8 42
1899	388,944 77	84,245 48	36,738	304,699 29	8 29
1900	400,787 62	68,594 47	36,821	332,193 15	9 02
1901	427,356 59	64,659 80	33,465	362,696 79	10 84
1902	416,499 23	73,885 39	30,233	342,613 84	11 33
1903	421,224 62	71,262 81	32,910	349,961 81	10 63
1904	422,093 02	59,218 00	32,262	362,875 02	11 25
1905	410,840 24	100,796 40	31,250	310,043 84	9 92
1906	431,394 73	91,189 60	34,696	340,205 13	9 81
1907	428,302 71	116,605 12	36,095	311,697 59	8 64
1908	451,130 64	128,297 52	41,552	322,833 12	7 77
1909	428,521 00	*131,359 81	35,399	297,161 19	8 39

* The income from all sources paid into city treasury during 1909–10 was, $131,871 62

Of the above amount there were received at Haymarket Square Relief Station:

Account board of paying patients	$403 96		
Account sale of old material	1 78		
		$405 74	
East Boston Relief Station:			
Account board of paying patients	$103 60		
Account sale of old material	2 47		
		106 07	
			511 81
Net amount paid into city treasury account main hospital			$131,359 81

Table No. 8.

COST OF MAINTENANCE FOR HOUSE OFFICERS AT HOSPITAL PROPER FOR YEAR ENDING JANUARY 31, 1910.

		Expenditures 1909–10.	Per Capita Cost per Day.
Administration:			
Ten per cent salaries of executive assistants	$310 00		
Telephone calls, house officers	540 00		
		$850 00	$0 07
Housekeeping:			
Wages — Care of rooms	$206 00		
Supplies	74 00		
House cleaning	50 00		
Supplies, soap, etc.	5 00		
		335 00	02
Equipment:			
Furnishings	$26 00		
Bedding	46 00		
		72 00	01
Steward's Department:			
Salaries and wages (apportioned)	$66 00		
Provisions and groceries	6,385 00		
		6,451 00	50
Kitchen and Dining Room:			
Wages	$500 00		
Furnishings and supplies	100 00		
		600 00	05
Laundry		600 00	05
Heating and lighting		1,500 00	11
Clothing — Sixteen doctors' coats		32 00	—
Board of employees who care for the house officers, etc.		700 00	05
Examinations, postage and petty expenses		130 00	01
		$11,270 00	
Days' board given house officers		12,949	
Cost per day			$0 87
Cost per annum per house officer			$318
Daily average number of house officers at hospital proper during 1909–10,			35

Table No. 9.

COST OF MAINTENANCE FOR NURSES AT HOSPITAL PROPER FOR YEAR ENDING JANUARY 31, 1910.

		Expenditures 1909–10.	Per Capita Cost per Day.
Salaries and Wages:			
Superintendent of nurses and assistants	$3,300 00		
Nurses	11,400 00		
		$14,700 00	$0 35
Nurses' Home and Vose House:			
Wages, employees	$3,600 00		
Repairs and expenses	222 73		
		3,822 73	09
Training School for Nurses:			
Salaries and lectures	$943 00		
Supplies	113 02		
		1,056 02	02
Carried forward		$19,578 75	$0 46

Table No. 9.—*Concluded.*

			Expenditures 1909–10.	Per Capita Cost per Day.
Brought forward			$19,578 75	$0 46
Housekeeping:				
Supplies		$223 02		
Wages, house cleaners	$225 00			
Supplies, soap, etc.	15 00			
		240 00	463 02	01
Equipment, Vose House and Nurses' Home:				
Furnishings		$658 70		
Bedding		193 60		
			852 30	02
Steward's Department:				
Salaries and wages (apportioned)		$200 00		
Provisions, meats, vegetables, etc.		14,670 00		
Groceries		2,690 00		
			17,560 00	*42
Kitchen and Dining Room (Vose House):				
Furnishings and supplies			143 69	
Heating and Lighting:				
Vose House and Nurses' Home		$3,500 00		
Boilers and heating apparatus, repairs, etc.		500 00		
			4,000 00	10
Laundry			2,000 00	05
Care of grounds (apportioned)			400 00	01
Ice			456 24	01
Board of employees (elsewhere than at Vose House)			2,000 00	05
			$47,454 00	
Days' board given nurses			41,975	
Cost per day				$1 13
Cost per annum per nurse				$412
Daily average number of nurses at hospital proper during 1909–10, including matron, etc.				115

The main hospital has four subdivisions, the hospital (wards) proper, Out-Patient Departments, the Pathological Department and the X-Ray Laboratory. The expenditures for the South Department for infectious diseases, the Haymarket Square Relief Station, the East Boston Relief Station and the Convalescent Home are kept in separate tables.

The expenditures upon the hospital proper and the South Department, together, were for the care of 12,502 patients in the wards for 247,792 days, or 35,399 weeks' board, which makes an average weekly cost of $12.11, or a daily cost of $1.73 for patients of all classes. The net cost per patient per week to the city was $8.39. The cost of uncooked food

* The actual uncooked food, provided for nurses themselves, cost 38 cents per day. The additional 4 cents is for food supplied domestics who cared for the nurses at Vose House.

supplies for all persons, including patients and the entire household at the hospital proper and South Department, was $126,659.46. The average number of patients was 679; of officers and employees, including house and nursing staff, 534, or a total daily average of 1,213 persons. The number of weeks' board for all persons was 63,274 and the weekly cost per person for uncooked food supplies was $2, or $28\frac{4}{7}$ cents per day.

The annual cost of the main hospital and that of the South Department are kept separately, in order to know the comparative costs and for the proper financing of the heaviest expenditures of the Hospital Department. But, practically, both divisions are for patients suffering with acute illnesses, and separated for purely hygienic rather than for financial reasons. Considered from this point of view, as a part of one whole, the cost is as follows:

The average weekly expenditure per patient in the hospital proper was $15.54; the South Department was $7.37; or an average of $12.11 for each patient in the two departments. After deducting the income received on account of paying patients, the cost was reduced in the main hospital to $12.18, at the South Department to $3.20; or an average weekly per capita for each patient of $8.39, which accurately represents what each patient cost the city. No account is made in this computation of either the Out-Patient Departments, Convalescent Home or the Relief Stations.

The total expenditures in the Hospital Department have been $601,985.79, but the net cost to the city for maintaining the hospital proper was only $374,118.25.

The maximum number of patients in the hospital proper on any one day was 552, as against 513 in the previous year. The minimum number was 285, in comparison with 348 for the previous year. The daily average during the year was 393, and the average length of stay was $15\frac{2}{10}$ days.

There have been treated in the various Out-Patient Departments 39,482 patients, at a cost of $20,704.31. Other statistics may be found elsewhere, including the number of out-patients, number of their visits, rate of mortality, work of ambulances, census of days' board for all persons, the

nativity of patients admitted and physical condition of patients when discharged.

The total number of deaths from February 1, 1909, to January 31, 1910, was 1,111. This does not include the statistics of the South Department, but only the main hospital.

Of the deaths, there occurred within 48 hours of admission	408, or $4\frac{3}{10}$ per cent.
Other deaths	703, or $7\frac{5}{10}$ per cent.
Total	1,111, or $11\frac{8}{10}$ per cent,

the rate of mortality for the year ending January 31, 1910.

This percentage of deaths is for the *total number of patients treated* in the hospital. The deaths occurring within forty-eight hours of admission (408) were 36.72 per cent of the whole number of deaths (1,111).

During the year 9,379 patients were treated in the wards, 39,482 as out-patients, 357 at the Convalescent Home, 3,123 at the South Department; at the Haymarket Square Relief Station 746 were treated in the wards and 35,025 as out-patients, and at the East Boston Relief Station 224 were treated in the wards and 8,226 as out-patients,— a total of 96,562 who have received the benefits of the hospital in all departments.

During the year 12,205 persons applied for admission. Of this number 8,950 were admitted and 3,255 were rejected, the latter being 1,100 less than last year. The number rejected was 27 per cent of all persons applying, and the causes of rejection appear in the table of applicants not admitted, on page 41. Of the number applying 814 either changed their minds or were admitted later; of these, 129 were received within three days after application and 12 admitted still later. There were 42 applicants rejected for want of vacant beds, but of these 9 were admitted later. There were 1,071 of these applicants who could be treated more properly in the various out-patient services without the additional cost of receiving them in the wards. Admission was denied to 635 for lack of information that they were suitable cases, but 242 were admitted later; and 192 were

rejected as apparently incurable or unsuitable for treatment here. Various other causes of rejection appear in the tabulated form on page 41.

South Department.— The total expenditure for the South Department was $109,561, against $140,037.47 for the previous year; and allowing for the difference in stock at the beginning and close of the year, the sum of $110,027.20 represents the cost of maintenance for the fiscal year. The per capita weekly cost at the South Department was $7.37.

Out-Patient Services.— The expenditure in the various out-patient services was $20,704.31.

Convalescent Home.— The cost of maintenance for the Convalescent Home was $10,322.14. The daily average was $19\frac{4}{10}$ patients, and the average weekly cost $9.80.

HAYMARKET SQUARE RELIEF STATION.

Since the Haymarket Square Relief Station has been remodeled the work of this department has been conducted satisfactorily.

The following are the principal statistics of the Haymarket Square Relief Station for the year:

Number of patients remaining in Haymarket Square Relief Station January 31, 1909		0
Admitted from February 1, 1909, to January 31, 1910, inclusive		746
Treated during the year		746
Discharged during the year	598	
Died during the year	136	
		734
Number of patients remaining in Haymarket Square Relief Station January 31, 1910		12
Number of out-patients treated		35,025
Largest number of out-patients treated on any one day		163
Number of major surgical operations		117
Number of deaths		136

Number of deaths within twenty-four hours of admission		107
Number of days' treatment given patients in the wards,		1,915
Largest number of ward patients on any one day		16
Smallest number of ward patients on any one day		0
Average stay of ward patients in days		2.6
Daily average in wards		5.3
Number of ambulance calls	1,451	
Number of ambulance trips for transfers of admitted patients to hospital proper	312	
Miscellaneous ambulance trips	59	
		1,822
Number of patients transferred to hospital proper		464
Number of cases brought by police ambulances and patrol wagons		1,037
Number of cases brought by carriages and automobiles,		294
Total expenditures		$31,509.75

EAST BOSTON RELIEF STATION.

The following are the principal statistics for the year:

Number of patients remaining in the East Boston Relief Station January 31, 1909		4
Admitted from February 1, 1909, to January 31, 1910, inclusive		220
Treated during the year		224
Discharged during the year	196	
Died during the year	28	
		224
Number of patients remaining in East Boston Relief Station January 31, 1910		0
Number of out-patients treated		8,226
Largest number of out-patients treated on any one day		59
Number of major surgical operations		17
Number of deaths		28
Number of deaths within twenty-four hours of admission		22
Number of days' treatment given patients in the wards,		831
Largest number of ward patients on any one day		6
Smallest number of ward patients on any one day		0

Average stay of ward patients in days	3.8
Daily average in wards	2.3
Number of ambulance trips for transfers of admitted patients to hospital proper	48
Number of patients transferred to hospital proper	66
Number of cases brought by police ambulances, patrol wagons, carriages and automobiles	402
Total expenditures	$15,315.71

CONVALESCENT HOME.

The statistics of the Convalescent Home, which has just completed its nineteenth year, are as follows:

Number of patients in Home January 31, 1909	27
Admitted during the year	330
	357
Discharged during the year	337
Number remaining in home January 31, 1910	20
Largest number on any one day	35
Smallest number on any one day	7
Daily average number of patients	19.4
Average length of stay in days	19.8
Total expenditures	$10,322.14

The carpenters and painters have been employed at the main hospital in keeping the buildings in good repair. The screens and storm steps have been thoroughly inspected each year, and are in fairly good condition. At the South Department the East and West Pavilions, with the exception of one or two small rooms, have been thoroughly painted. This work was necessary for purposes of sanitation. A coat of fresh paint is one of the very best disinfectants that there is. There is still a great deal of work to be done, so far as repairs are concerned, not only at the main hospital, but at the South Department, Convalescent Home and Relief Stations. When it is taken into consideration that there are forty-five buildings connected with the hospital, it is evident that the amount of repairs each year must necessarily be very great.

MEDICAL LIBRARY.

At the close of the last year there were 3,605 volumes in the Medical Library. There have been added during the year, by purchase, forty, and by donation, twenty, or a total of sixty, making a total of 3,665 volumes in the library. During the year 508 periodicals, 223 medical monographs and 165 hospital and health reports have been received.

The index card catalogue to the clinical records has been increased by 4,050 cards, making a total of 270,560 references. A new filing cabinet was purchased for the Record Room and about 20,000 medical diagnosis cards filed therein during the year.

TRAINING SCHOOL FOR NURSES.

The Training School for Nurses has now completed its thirty-first year. The changes in the nursing staff during the year have been as follows:

SUMMARY FROM FEBRUARY 1, 1909, TO FEBRUARY 1, 1910.

February 1, 1909, the number of nurses was . . .		169
During the year nurses have left as follows:		
Have been graduated	38	
Head nurses resigned	13	
Head nurses promoted	1	
Pupils dropped for various causes . . .	32	
Probationers not accepted	15	
Medfield Hospital nurses withdrawn . .	2	
Graduate special nurses withdrawn . .	3	
Total vacancies		104
Number remaining	65	
Graduates returned for positions . . .	19	
Pupil nurses readmitted	27	
Probationers admitted	64	
Pupil nurses admitted from Medfield Hospital	4	
Graduate special nurses employed . . .	4	
Remaining January 31, 1910		183

Nurses connected with the school, in the main hospital, January 31, 1910:

Assistant superintendents of nurses	4	
Head nurses (third-year graduates)	7	
Head nurses (second-year graduates)	10	
Senior assistant nurses (third year)	42	
Senior assistant nurses (second year)	14	
Junior assistant nurses	38	
Probationers	12	
Graduate special nurses	5	
		132

In the South Department, January 31, 1910:

Day supervisor of nurses	1	
Night supervisor of nurses	1	
Head nurses (second-year graduates)	5	
Senior assistant nurses (second year)	23	
Junior assistant nurses	12	
		42

Relief Stations:

Head nurse (third-year graduate)	1	
Senior assistant nurses (third year)	6	
		7

Convalescent Home:

Matron	1	
Head nurse	1	
		2
		183

The Training School has graduated thirty-eight nurses during the year, making a total of 1,005 since it was organized.

The Superintendent of Nurses and her assistants have given 241 class recitations at the hospital proper and 139 at the South Department, making a total of 380 during the year. The teacher of the preparatory class has had daily drills in the practice room and class instruction in the schoolroom. The school has received thirty lectures, on Friday afternoons, from members of the medical and surgical staff and others.

The pupils of the third year have received medical and surgical clinical teaching from Dr. Ralph C. Larrabee and Dr. David D. Scannell.

Courses in bacteriology have been given the senior nurses of the second year, in the Pathological Building, by the First Assistant in Pathology.

Mrs. Boland Pequignot has given twenty-three practical lessons in cooking and serving of food to sections of ten senior nurses. The probation classes have been instructed by Mrs. Pequignot in the preparation of the lighter diets and in the making of the various drinks for invalids.

Mrs. Gulli J. Callowhill has given seventy-four lessons in massage to classes of four pupils each. Twenty-eight senior pupils have completed their obstetrical training in lying-in hospitals in Boston and Providence, and ten pupils are now taking the training.

The first graduating exercises of the Training School for Nurses were held in the Amphitheater on May 28, 1909. An address was made by Dr. George W. Gay, Senior Surgeon, and the diplomas were presented by the Superintendent, Dr. John H. McCollom. Following these exercises a reception was held in the Vose House.

The nurses have been remembered with season tickets for the Art Club exhibitions and in other ways.

Gifts of flowers, music, toys, reading matter and rides for the patients, from the Boston Young Men's Christian Union, have been received.

CHANGES IN EXECUTIVE DEPARTMENT.

Upon the retirement of George H. M. Rowe, M. D., as Superintendent and Resident Physician, on February 1, 1910, John H. McCollom, M. D., became Superintendent and Medical Director.

Appleton W. Smith, M. D., First Executive Assistant, resigned February 11, 1909, to become Superintendent of the Hartford Hospital, Hartford, Conn., and on February 11, 1909, Arthur J. White, M. D., was promoted to the position of First Executive Assistant, Irving T. Cutter, M. D., made Second Executive Assistant and Michael J. Shaugh-

nessy, M. D., appointed Third Executive Assistant. Irving T. Cutter, M. D., Second Executive Assistant, left March 16, 1909, and Michael J. Shaughnessy, M. D., became Second Executive Assistant. On June 9, 1909, Edmund W. Wilson, M. D., was appointed Third Executive Assistant. On July 17, 1909, Michael J. Shaughnessy, M. D., resigned as Second Executive Assistant, and Edmund W. Wilson, M. D., became Second Executive Assistant. On July 30, 1909, William J. Brickley, M. D., was appointed Third Executive Assistant. On November 10, 1909, Daniel F. Maguire, M. D., Assistant Resident Surgeon at the East Boston Relief Station, resigned to become an assistant surgeon in the United States Army, and William J. Brickley, M. D., was transferred to the East Boston Relief Station as his successor. On November 12, 1909, James W. Manary, M. D., was appointed Third Executive Assistant to fill the position made vacant by Doctor Brickley's transfer.

Miss Ida A. Nutter, Second Assistant Superintendent of Nurses, resigned June 19, 1909. Miss Annie L. Rand was appointed Second Assistant Superintendent of Nurses June 25, 1909. Miss Ellen Smith, Assistant Matron, resigned July 31, 1909, and Miss Mary A. Douglass was appointed Assistant Matron.

On January 21, 1910, Martin J. English, M. D., was appointed Second Assistant Physician at the South Department, in conjunction with Cadis Phipps, M. D.

On April 27, 1909, Miss Alice M. Gaffney resigned as Matron of the East Boston Relief Station and Mrs. Josephine Higgins was made Matron.

In the Pathological Department the following changes have occurred: On June 9, 1909, the resignations of Thomas Ordway, M. D., First Assistant in Pathology, Samuel R. Haythorn, M. D., Second Assistant in Pathology, and Dr. Herman M. Adler, Assistant in Clinical Pathology, were accepted. Dr. Ordway resigned to accept a position as Director of the Bender Hygienic Laboratory, Dr. Haythorn to become Assistant in Pathology at the Harvard Medical School and Assistant Pathologist to the Long Island Hospital and Dr. Adler to accept the position of Assistant Physician and Pathologist

to the Danvers Insane Hospital. On the same date Archibald W. Hunter, M. D., was appointed First Assistant and Dr. Oliver S. Hillman Second Assistant in Pathology. On June 25, 1909, Dr. Charles L. Overlander was appointed Assistant in Clinical Pathology.

I wish to express my heartfelt appreciation of the careful co-operation of the heads of departments during the year. I wish, also, to emphasize the cordial relations existing between the Staff and the Executive Department.

In presenting the forty-sixth annual report, I wish to express my thanks to the trustees for their continued support and confidence.

I have the honor to be,

Very respectfully,
Your obedient servant,

JOHN H. MCCOLLOM,
Superintendent and Medical Director.

MEDICAL AND SURGICAL STATISTICS.

MEDICAL DISEASES.

From February 1, 1909, to January 31, 1910, Inclusive.

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Specific Infectious Diseases.											
Typhoid Fever	26	121	78	199	156	25	3	....	28	212	13
Paratyphoid Fever	....	1	.....	1	1	.....	....	....	....	1	....
Pneumonia	14	297	152	449	222	57	7	....	151	437	26
Erysipelas	7	74	78	152	117	20	3	....	9	149	10
Malarial Fever, Tertian,	2	28	9	37	21	16	1	....	....	38	1
Influenza	....	27	14	41	27	13	....	....	....	40	1
Syphilis	2	10	8	18	.....	17	1	....	2	20	....
Cerebro-spinal Fever	....	6	1	7	2	1	....	....	3	6	1
Hydrophobia	....	2	.....	2	.....	.....	....	....	2	2	....
Other diseases of this class	2	28	18	46	12	8	18	....	9	47	1
Constitutional Diseases.											
Diabetes Mellitus	1	9	7	16	.....	8	....	....	9	17	....
Diseases of the Respiratory System.											
Acute Pharyngitis	....	1	3	4	3	1	....	....	....	4	....
Acute Tonsillitis	....	36	18	54	32	20	....	1	....	53	1
Quinsy	....	1	1	2	1	1	....	....	....	2	....
Acute Laryngitis	....	1	1	2	.....	2	....	....	....	2	....
Acute Inflammation of Antrum	....	.....	1	1	.....	.....	1	....	....	1	....
Of the Bronchi.											
Bronchitis	4	32	31	63	14	44	1	....	4	63	4
Asthma	1	2	7	9	.....	10	....	....	....	10	....
Bronchiectasis	....	1	1	2	.....	2	....	....	....	2	....

MEDICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Of the Lung.											
Tuberculosis	12	96	45	141	.....	78	29	....	40	147	6
Emphysema	1	.....	1	1	.....	2	....	....	....	2	....
Chronic Interstitial Pneumonia	6	53	16	69	40	12	1	....	22	75	....
Other diseases	....	4	4	8	.....	2	1	....	4	7	1
Of the Pleura.											
Pleurisy	2	67	28	95	17	71	1	....	1	90	7
Empyæma	....	28	4	32	1	9	20	....	2	32	....
Pneumothorax	....	2	.....	2	.....	1	....	....	1	2	....
Hydropneumothorax	....	.....	1	1	.....	1	....	....	....	1	....
Other diseases	....	3	1	4	.....	.....	3	1	....	4	....
Diseases of the Circulatory System.											
Of the Heart and its Membranes.											
Pericarditis	....	3	3	6	.....	2	2	....	1	5	1
Acute Endocarditis	6	107	84	191	.....	132	10	....	40	182	15
Myocardial Disease	8	81	38	119	.....	92	4	....	26	122	5
Aneurism	....	3	1	4	.....	.....	2	....	2	4	....
Neuroses	....	4	1	5	1	4	....	....	....	5	....
Stokes - Adams Synchondrosis	....	1	.....	1	.....	.....	....	....	1	1	....
Other diseases	....	1	1	2	.....	2	....	....	....	2	....
Of the Blood Vessels.											
Arteriosclerosis	1	25	10	35	.....	19	5	....	9	33	3
Arterial Thrombosis	....	2	.....	2	.....	.....	2	....	....	2	....
Arterial Embolism	....	1	.....	1	.....	.....	....	....	1	1	....
Aneurism, thoracic	....	4	1	5	.....	1	....	1	3	5	....
Venous Thrombosis	....	1	.....	1	1	.....	....	....	....	1	....
Varicose Veins	....	.....	2	2	.....	2	....	....	....	2	....
Diseases of the Blood and Ductless Glands.											
Chlorosis	....	.....	2	2	.....	2	....	....	....	2	....
Pernicious Anæmia	....	8	5	13	.....	7	2	....	4	13	....

MEDICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Anæmia (Secondary)	....	.....	9	9	.....	9	....	....	....	9	....
Hæmophilia	....	1	.....	1	.....	1	....	....	....	1	....
Purpura Simplex	....	1	.....	1	.....	.....	1	....	....	1	....
Purpura, Henoch's	....	1	.....	1	.....	1	....	....	....	1	....
Purpura Hæmorrhagica	....	3	1	4	1	1	1	....	1	4	....
Leukæmia,	....	4	1	5	.....	2	1	....	2	5	....
Addison's Disease	....	2	.....	2	.....	1	....	....	1	2	....
Exophthalmic Goitre	....	1	3	4	.....	3	....	....	....	3	1
Myxœdema	....	.....	2	2	.....	1	1	....	....	2	....
Perisplenitis	....	1	.....	1	1	.....	....	....	....	1	....
Splenomegaly	....	2	.....	2	.....	2	....	....	....	2	....
Elephantiasis	....	.....	1	1	.....	.....	....	1	....	1	....
Diseases of the Digestive Organs.											
Stomatitis	....	.....	1	1	.....	.....	....	....	....	.....	1
Gingivitis	....	1	.....	1	.....	.....	1	....	....	1	....
Of the Œsophagus.											
New growth	....	1	.....	1	.....	.....	....	....	1	1	....
Of the Stomach.											
Gastritis	....	13	11	24	10	11	....	....	....	21	3
Ulcer, Gastric or Duodenal	2	5	15	20	4	14	3	....	....	21	1
Cancer	2	9	3	12	.....	2	7	....	4	13	1
Gastroduodenitis	....	11	10	21	9	10	....	....	..1	20	1
Acute Dyspepsia	....	3	5	8	2	5	....	....	....	7	1
Other diseases of this class	....	10	4	14	4	4	3	....	2	13	1
Of the Pancreas.											
Acute Pancreatitis	....	1	1	2	.....	1	1	....	....	2	....
New growth	....	1	.....	1	.....	.....	....	....	1	1	....
Of the Intestines.											
Catarrhal Enteritis	1	9	4	13	6	8	....	....	....	14	....
Diarrhœa	....	1	4	5	3	2	....	....	....	5	....
Habitual Constipation	....	6	4	10	2	8	....	....	....	10	....

MEDICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Internal Strangulation	....	1	1	2	.....	.....	2	....	....	2	....
Appendicitis	....	1	2	3	.....	1	2	....	....	3	....
Mucous Colitis	....	4	1	5	.....	5	....	....	....	5	....
New growth	....	4	3	7	.....	1	4	....	....	5	2
Other diseases of this class	....	8	6	14	1	4	7	....	2	14	....
Of the Liver, Bile-Ducts and Portal Vein.											
Cholecystitis	....	5	3	8	.....	3	5	....	....	8	....
Gallstones	....	4	7	11	.....	6	5	....	....	11	....
Chronic Interstitial Hepatitis	....	25	10	35	.....	24	2	....	7	33	2
New growth	....	3	1	4	.....	.....	2	....	2	4	....
Cirrhosis	....	5	1	6	.....	2	2	....	2	6	....
Other diseases of this class	....	5	2	7	.....	4	2	....	1	7	....
Of the Peritoneum.											
Acute Peritonitis	....	3	2	5	.....	.....	3	....	2	5	....
Tubercular Peritonitis,	....	3	1	4	.....	1	3	....	....	4	....
New growths	....	.....	2	2	.....	.....	2	....	....	2	....
Diseases of the Urinary System.											
Of the Kidney, Pelvis of Kidney and Bladder.											
Nephritis	6	70	44	114	1	58	9	....	43	111	9
Pyelitis, chronic	....	1	3	4	.....	3	1	....	....	4	....
Renal Calculus	....	2	.....	2	.....	2	....	....	....	2	....
New growth	....	4	2	6	.....	.....	4	....	2	6	....
Acute Cystitis	2	6	4	10	.....	8	3	....	....	11	1
Uræmia	....	5	4	9	.....	.....	....	....	9	9	....
Other diseases of this class	....	14	1	15	2	7	5	....	1	15	....
Diseases of the Joints and Bones.											
Atrophic Arthritis	3	5	3	8	.....	10	1	....	....	11	...
Hypertrophic Arthritis	1	2	3	5	.....	3	2	....	....	5	1

MEDICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Infectious Arthritis	25	143	108	251	31	200	16	....	2	249	27
Other diseases of this class	2	8	5	13	1	7	5	....	1	14	1
Diseases Due to Animal Parasites.											
Tænia	....	.....	4	4	.....	3	1	....	....	4	....
Ascariasis	....	.....	1	1	.....	1	....	....	....	1	....
Trichiniasis	....	2	.....	2	.....	2	....	....	....	2	....
Uncinariasis	....	1	.....	1	.....	1	....	....	....	1	....
Poisons.											
Alcohol	3	88	15	103	43	52	4	....	6	105	1
Ammonia	....	1	.....	1	1	.....	....	....	....	1	....
Arsenic	....	4	.....	4	3	1	....	....	....	4	....
Atropia	....	.....	1	1	1	.....	....	....	....	1	....
Carbolic Acid	....	3	3	6	3	3	....	....	....	6	....
Cedar Oil	....	.....	1	1	.....	1	....	....	....	1	....
Chronic Bromidism	....	1	.....	1	.....	.....	1	....	....	1	....
Coal Gas	....	3	.....	3	2	.....	....	....	1	3	....
Creolin	....	.....	1	1	1	.....	....	....	....	1	....
Food Poisoning	....	.....	2	2	1	.....	....	....	1	2	....
Illuminating Gas	....	14	6	20	16	4	....	....	....	20	....
Iodine	....	.....	2	2	.....	2	....	....	....	2	....
Ivy Poisoning	....	.....	1	1	.....	.....	1	....	....	1	....
Kerosene	....	1	.....	1	.....	1	....	....	....	1	....
Lead	....	8	.....	8	.....	8	....	....	....	8	....
Lysol	....	.....	1	1	1	.....	....	....	....	1	....
Mercury	....	5	6	11	4	3	....	....	4	11	....
Opium or Morphine	....	7	3	10	1	6	2	....	1	10	....
Prussic Acid	....	1	.....	1	.....	1	....	....	....	1	....
Smoke Inhalation	....	1	.....	1	1	.....	....	....	....	1	....
Sulpho-naphthol	....	2	1	3	1	1	....	....	....	2	1
Turpentine	....	.....	1	1	.....	1	....	....	....	1	....
Miscellaneous.											
Exhaustion	....	5	1	6	2	4	....	....	....	6	....

MEDICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Debility	....	3	7	10	1	6	2	....	1	10	....
Exposure	....	5	.....	5	5	.....	....	....	....	5	....
Hiccough	....	2	.....	2	.....	2	....	....	....	2	....
Immersion	....	5	.....	5	3	1	....	....	1	5	....
Insolation	....	14	6	20	12	4	....	....	4	20	....
Infancy	....	3	5	8	5	.....	1	....	1	7	1
Senility	....	5	5	10	.....	2	3	....	3	8	2
No disease	....	2	1	3	3	.....	....	....	....	3	....
No diagnosis	....	12	7	19	8	4	3	1	3	19	....
Diseases of ear	....	1	2	3	1	.....	2	....	....	3	....
Diseases of eye	....	1	.....	1	.....	.....	1	....	....	1	....
Gynæcological diseases	....	.....	17	17	.....	7	9	....	1	17	....
Surgical diseases	....	13	10	23	2	4	13	....	4	23	....
Not classified elsewhere	....	1	.....	1	1	.....	....	....	....	1	....
Diseases of the Skin.											
Dermatitis	1	6	3	9	5	3	1	....	1	10	....
Eczema	....	1	2	3	.....	3	....	....	....	3	....
Herpes Zoster	....	2	1	3	1	2	....	....	....	3	....
Scabies	....	1	1	2	2	.....	....	....	....	2	....
Erythema Nodosum	1	2	2	4	2	3	....	....	....	5	....
Other diseases of the skin	....	3	1	4	2	2	....	....	....	4	....
Diseases of the Muscles.											
Muscular Rheumatism	....	1	.....	1	.....	1	....	....	....	1	....
Lumbago	....	3	.....	3	.....	2	1	....	....	3	....
Diseases of the Peripheral Nerves.											
Neuralgia	....	3	3	6	1	3	2	....	....	6	....
Multiple Neuritis	....	4	4	8	2	3	1	....	1	7	1
Angioneurotic Œdema	....	.....	1	1	1	.....	....	....	....	1	....
Exophthalmic Goitre	....	.....	1	1	.....	1	....	....	....	1	....
Neuritis	1	3	2	5	.....	6	....	....	....	6	....

MEDICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Diseases of the Spine.											
Arthritis	....	4	.....	4	.....	4	....	....	....	4	....
Fracture	....	1	.....	1	.....	.....	1	....	....	1	....
Sacroiliac Disease	....	1	.....	1	.....	1	....	....	....	1	....
Diseases of the Spinal Cord.											
Meningitis, tubercular	....	1	1	2	.....	.....	....	....	2	2	....
Myelitis	....	.....	2	2	.....	1	....	....	1	2	....
Poliomyelitis, acute	....	4	1	5	.....	4	1	....	....	5	....
Tabes Dorsalis	1	5	1	6	.....	4	3	....	....	7	....
Tumor	....	1	.....	1	.....	.....	1	....	....	1	....
Other diseases of this class	....	1	1	2	.....	.....	1	....	1	2	....
Diseases of the Brain.											
General cerebral affections	....	10	.....	10	.....	4	1	....	5	10	....
Hæmorrhage	3	44	23	67	.....	7	6	....	57	70	....
Hemiplegic states	1	2	2	4	.....	1	3	....	1	5	....
Hydrocephalus	....	1	.....	1	.....	1	....	....	....	1	....
Injury (including Fracture of Skull)	1	4	1	5	1	3	2	....	....	6	....
Meningitis, epidemic cerebro-spinal	1	2	2	4	2	.....	....	....	3	5	....
Meningitis	....	6	5	11	1	1	....	....	9	11	....
Sinus Thrombosis	....	2	.....	2	.....	1	....	....	1	2	....
Tumor	....	1	1	2	.....	1	1	....	....	2	....
Mental affections	....	2	3	5	.....	1	4	....	....	5	....
Dementia Præcox	....	1	.....	1	.....	.....	1	....	....	1	....
Feeble-minded	....	1	.....	1	.....	.....	1	....	....	1	....
Manic-depressive insanity	....	.....	1	1	.....	.....	1	....	....	1	....
Other diseases of the brain	1	2	5	7	.....	3	1	....	4	8	....
Neuroses and Conditions without Recognized Pathology.											
Cephalalgia	....	.....	1	1	.....	1	....	....	....	1	....

MEDICAL DISEASES.—*Concluded.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Chorea	....	1	2	3	2	1	....	....	....	3	....
Eclampsia	....	.....	1	1	.....	.....	1	....	....	1	....
Epilepsy	....	13	2	15	.....	11	3	....	1	15	....
Hysteria	3	.....	8	8	3	4	4	....	....	11	....
Neurasthenia	2	4	2	6	.....	7	1	....	....	8	....
Occupation Neuroses	....	2	.....	2	.....	.....	2	....	....	2	....
Paralysis Agitans	....	2	.....	2	.....	.....	1	....	....	1	1
Other diseases of this class	....	2	2	4	.....	2	2	....	....	4	....
Totals	158	1,952	1,172	3,124	893	1,336	313	5	579	3,126	156

SURGICAL DISEASES.

From February 1, 1909, to January 31, 1910, Inclusive.

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
General Injuries.											
Contusions	....	37	19	56	1	55	....	....	....	56	....
Wounds	3	135	23	158	.....	157	....	....	4	161	....
Multiple injuries	4	31	9	40	.....	22	....	....	22	44	....
Amputations	....	15	1	16	.....	14	....	....	2	16	....
General Diseases.											
Abscesses	....	42	22	64	.....	62	....	....	2	64	....
Septicæmia	1	8	3	11	.....	1	....	....	10	11	1
Pyæmia	....	4	4	8	.....	1	....	....	5	6	2
Infection with gas bacillus	....	1	.....	1	.....	.....	....	....	1	1	....
Tetanus	....	2	.....	2	.....	1	....	....	1	2	....
Anthrax	....	4	.....	4	.....	3	....	....	1	4	....
Mixed infection	13	47	4	51	.....	63	....	....	1	64	....
Cellulitis	1	5	3	8	.....	8	....	....	1	9	....
Septic processes	....	84	31	115	.....	112	....	....	1	113	2
Other diseases of this class	....	2	2	4	.....	4	....	....	....	4	....
Skin.											
Wounds	....	46	13	59	.....	53	1	....	1	55	4
Burns	3	49	47	96	.....	66	....	....	31	97	2
Frostbite	....	4	1	5	.....	4	....	....	....	4	1
Ulcer	3	16	7	23	.....	24	2	....	....	26	....
Dermatitis	....	1	1	2	.....	1	....	....	....	1	1
Furunculosis	....	5	2	7	.....	5	....	....	1	6	1
Carbuncle	....	18	2	20	.....	18	....	....	2	20	....
Erysipelas	....	16	9	25	.....	19	....	....	3	22	3

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Epidermoid Cancer	....	4	3	7	.....	6	....	1	....	7	....
Other skin diseases	....	10	10	20	.....	19	....	1	....	20	....
Muscles, Tendons and Fasciæ.											
Muscles:											
Wounds, Contusions, etc	....	32	16	48	.....	36	....	....	....	36	12
Tendons:											
Palmar Abscess	1	30	7	37	.....	31	....	....	....	31	7
Wounds, Contractions, etc	....	38	12	50	.....	42	2	1	....	45	5
Bursæ.											
Bursitis	....	23	14	37	.....	35	....	....	....	35	2
Bones and Joints.											
Fractures, Simple:											
Skull	....	5	.....	5	.....	3	....	....	1	4	1
Vault	1	3	2	5	.....	5	....	....	1	6	....
Base	1	65	.....	65	.....	45	1	....	19	65	1
Facial bones	....	5	1	6	.....	6	....	....	....	6	....
Jaw	....	10	2	12	.....	12	....	....	....	12	....
Nose	....	4	.....	4	.....	4	....	....	....	4	....
Vertebræ	2	14	1	15	.....	6	....	....	10	16	1
Ribs	....	35	6	41	.....	38	....	....	3	41	....
Sternum	....	4	1	5	.....	5	....	....	....	5	....
Clavicle	1	11	3	14	.....	13	....	....	....	13	2
Scapula	....	3	.....	3	.....	2	....	....	....	2	1
Humerus	1	28	12	40	.....	37	....	....	2	39	2
Radius	1	15	9	24	.....	23	....	....	....	23	2
Ulna	....	7	4	11	.....	11	....	....	....	11	....
Bones of hand	....	6	.....	6	.....	6	....	....	....	6	....
Both bones, forearm	....	4	1	5	.....	5	....	....	....	5	....
Pelvis	3	11	1	12	.....	13	....	....	1	14	1
Femur	16	114	42	156	.....	131	1	....	14	146	26
Patella	4	23	6	29	.....	28	....	....	....	28	5

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Tibia	....	55	7	62	.....	60	....	....	2	62	....
Fibula	4	89	24	113	.....	115	....	....	....	115	2
Both bones of leg	9	77	21	98	.....	96	2	1	3	102	5
Bones of foot	3	27	3	30	.....	32	....	....	....	32	1
Fractures, Compound:											
Skull:											
Vault	....	10	.....	10	.....	6	1	....	3	10	....
Facial bones	....	3	.....	3	.....	3	....	....	....	3	....
Jaw	....	4	.....	4	.....	4	....	....	....	4	....
Nose	....	2	.....	2	.....	2	....	....	....	2	....
Vertebræ	....	1	.....	1	.....	.....	....	....	....	.....	1
Clavicle	....	1	.....	1	.....	1	....	....	....	1	....
Humerus	....	5	.....	5	.....	5	....	....	....	5	....
Radius	....	3	.....	3	.....	3	....	....	....	3	....
Ulna	....	5	.....	5	.....	4	....	....	....	4	1
Bones of hand	1	5	.....	5	.....	6	....	....	....	6	....
Both bones, forearm,	....	1	.....	1	.....	1	....	....	....	1	....
Femur	2	9	3	12	.....	12	....	....	....	12	2
Tibia	....	4	.....	4	.....	3	....	....	....	3	1
Fibula	....	4	.....	4	.....	3	....	....	1	4	....
Both bones of leg	....	21	3	24	.....	19	....	....	3	22	2
Bones of foot	1	5	1	6	.....	6	....	....	1	7	....
Fractures, ununited	....	4	2	6	.....	5	....	1	....	6	....
Fractures not otherwise classified	....	2	.....	2	.....	1	....	....	....	1	1
Ruptured ligament	....	1	.....	1	.....	1	....	....	....	1	....
Separation of Epiphysis	....	1	.....	1	.....	1	....	....	....	1	....
Dislocations, Simple:											
Vertebræ	....	1	.....	1	.....	.....	....	....	....	.....	1
Clavicle	....	1	.....	1	.....	1	....	....	....	1	....
Humerus	....	5	2	7	.....	7	....	....	....	7	....
Elbow joint	....	3	.....	3	.....	3	....	....	....	3	....
Hip	....	.....	2	2	.....	2	....	....	....	2	....
Bones of foot	....	5	2	7	.....	7	....	....	....	7	....

SURGICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cartilage	....	3	.....	3	.....	3	....	....	....	3	....
Dislocations, compound:											
Humerus	....	1	.....	1	.....	1	....	....	....	1	....
Bones of hand	....	3	.....	3	.....	3	....	....	....	3	....
Tarsus	....	1	.....	1	.....	1	....	....	....	1	....
Acute Synovitis	....	15	3	18	.....	16	2	....	....	18	....
Arthritis	....	13	8	21	.....	14	1	....	4	19	2
Periostitis	2	4	2	6	.....	8	....	....	....	8	....
Osteomyelitis	4	25	12	37	.....	33	1	....	2	36	5
Tuberculosis	....	10	8	18	.....	14	....	1	....	15	3
Tumors	1	6	2	8	.....	5	3	....	....	8	1
Congenital defects of bones	....	2	1	3	.....	.....	....	1	....	1	2
Deformities	....	8	3	11	.....	9	1	....	....	10	1
All other diseases of bones and joints	3	27	14	41	.....	41	....	2	....	43	1
Blood System.											
Hæmophilia	....	1	.....	1	.....	1	....	....	....	1	....
Wounds	....	5	1	6	.....	3	....	....	3	6	....
Embolism	....	1	.....	1	.....	.....	....	....	1	1	....
Aneurism	....	1	.....	1	.....	.....	....	1	....	1	....
Varicose veins	2	17	25	42	.....	42	....	1	....	43	1
Gangrene	....	9	6	15	.....	4	3	....	6	13	2
All other diseases	....	6	5	11	.....	6	1	....	4	11	....
Lymphatic System.											
Lymphatic Vessels:											
Lymphangitis	2	37	11	48	.....	45	1	....	4	50	....
Lymph Nodes:											
Noditis	4	36	16	52	.....	52	....	....	....	52	4
Tuberculosis	1	13	10	23	.....	22	....	....	1	23	1
Cancer	....	1	.....	1	.....	1	....	....	....	1	....
Spleen:											
Rupture	....	1	1	2	.....	1	....	....	1	2	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Ductless Glands.											
Thyroid Gland:											
Goitre	....	.....	3	3	.....	2	....	....	1	3	....
Tumors	....	1	1	2	.....	2	....	....	....	2	....
Nervous System.											
Brain:											
Injuries	2	48	6	54	.....	55	....	....	1	56	....
Compression from fracture	....	6	.....	6	.....	5	....	....	1	6	....
Compression from hæmorrhage	....	9	1	10	.....	2	....	1	7	10	....
Abscess	1	.....	.....	.....	.....	.....	....	....	1	1	....
Thrombosis of Sinuses	....	.....	1	1	.....	.....	....	....	1	1	....
Meningitis	....	2	.....	2	.....	1	....	....	1	2	....
Tumors	....	2	2	4	.....	2	....	....	1	3	1
Not otherwise classified	....	7	1	8	.....	3	3	1	1	8	....
Spinal Cord:											
Diffuse Sclerosis	....	1	.....	1	.....	.....	....	....	....	.....	1
Hæmatomyelia	....	1	.....	1	.....	.....	1	....	....	1	....
Compression from hæmorrhage	....	2	.....	2	.....	1	....	....	....	1	1
Multiple Myeloma	....	.....	1	1	.....	.....	....	....	....	.....	1
Infantile Paralysis	1	1	.....	1	.....	2	....	....	....	2	....
Peripheral Nerves:											
Injuries	....	3	3	6	.....	3	2	....	....	5	1
Neuralgia	....	3	3	6	.....	6	....	....	....	6	....
Respiratory System.											
Nose:											
Wounds	....	.....	1	1	.....	1	....	....	....	1	....
Epistaxis	....	.....	1	1	.....	.....	....	....	1	1	....
Deviated Septum	....	.....	1	1	.....	1	....	....	....	1	....
Larynx:											
Œdema	....	1	.....	1	.....	.....	....	....	....	.....	1
Tuberculosis	1	.....	.....	.....	.....	.....	....	....	1	1	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Syphilis	....	2	.....	2	.....	2	....	....	....	2	....
Ludwig's Angina	....	3	.....	3	.....	2	....	....	1	3	....
Cancer	....	.....	1	1	.....	1	....	....	....	1	....
Lungs:											
Abscess	....	1	.....	1	.....	.....	....	....	1	1	....
Pleuræ:											
Pleuritis	....	3	1	4	.....	3	1	....	....	4	....
Empyæma	5	39	6	45	.....	36	....	....	10	46	4
Hæmothorax	....	3	.....	3	.....	3	....	....	....	3	....
Digestive System.											
Mouth:											
Alveolar Abscess	....	11	4	15	.....	14	....	....	1	15	....
Gingivitis	....	2	.....	2	.....	1	....	....	....	1	1
Noma	....	1	.....	1	.....	1	....	....	....	1	....
Tumors	....	5	.....	5	.....	2	....	1	2	5	....
Deformities	1	2	2	4	.....	5	....	....	....	5	....
Other diseases	....	1	1	2	.....	2	....	....	....	2	....
Tonsil:											
Tonsillitis	....	2	.....	2	.....	2	....	....	....	2	....
Peritonsillar Abscess,	....	1	.....	1	.....	1	....	....	....	1	....
Hypertrophy	....	.....	1	1	.....	1	....	....	....	1	....
Cancer	....	4	.....	4	.....	1	....	1	2	4	....
Parotid, Submaxillary and other Salivary Glands:											
Wounds	....	.....	1	1	.....	1	....	....	....	1	....
Parotitis	....	1	1	2	.....	2	....	....	....	2	....
Tumors	....	2	1	3	.....	3	....	....	....	3	....
Tongue:											
Epidermoid Cancer	....	2	.....	2	.....	1	....	....	1	2	....
Pharynx and Soft Palate:											
Pharyngitis	....	1	.....	1	.....	1	....	....	....	1	....
Œsophagus:											
Cancer	....	1	.....	1	.....	1	....	....	....	1	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Stomach:											
Ulcer	1	15	6	21	.....	13	....	....	8	21	1
Pyloric Constriction,	....	3	2	5	.....	.....	....	1	3	4	1
Contracted Stomach,	....	1	.....	1	.....	1	....	....	....	1	....
Dilated Stomach	....	1	1	2	.....	.....	1	....	1	2	....
Cancer	....	9	2	11	.....	7	....	....	3	10	1
Intestine:											
Rupture	....	1	.....	1	.....	.....	....	....	1	1	....
Ulcer	....	11	1	12	.....	7	....	....	5	12	....
Foreign bodies	....	4	5	9	.....	9	....	....	....	9	....
Obstruction	1	10	13	23	.....	10	1	....	12	23	1
Stricture:											
Cancerous	....	2	6	8	.....	2	....	....	6	8	....
Not otherwise classified	....	5	3	8	.....	6	....	....	2	8	....
Tumors	2	12	11	23	.....	17	1	2	5	25	....
Appendix:											
Appendicitis	24	213	128	341	10	313	3	1	25	352	13
Mesentery:											
Tuberculosis	....	.....	2	2	.....	2	....	....	....	2	....
Rectum and Anus:											
Fissures	....	3	1	4	.....	4	....	....	....	4	....
Hæmorrhage	....	1	.....	1	.....	.....	....	....	1	1	....
Ischio-rectal Abscess,	2	52	15	67	1	66	....	....	....	67	2
Fistula	3	27	6	33	.....	34	....	1	....	35	1
Ulcer	....	3	.....	3	.....	3	....	....	....	3	....
Hæmorrhoids	1	63	22	85	.....	82	....	....	1	83	3
Cancer	....	3	3	6	.....	3	1	1	....	5	1
Other tumors	....	4	.....	4	1	1	1	....	....	3	1
Stricture	....	1	2	3	.....	2	1	....	....	3	....
Prolapse of Rectum	....	2	4	6	.....	6	....	....	....	6	....
Liver:											
Rupture	....	1	.....	1	.....	1	....	....	....	1	....
Abscess	....	4	.....	4	.....	1	....	....	3	4	....
Cancer	....	2	.....	2	.....	.....	....	....	2	2	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cirrhosis	....	5	.....	5	.....	4	....	....	1	5	....
Other diseases	....	2	2	4	.....	3	....	....	1	4	....
Gall Bladder and Ducts:											
Cholecystitis	5	3	20	23	.....	23	....	....	5	28	....
Gallstones	3	11	34	45	.....	39	2	....	5	46	2
Cancer of Gall Bladder	....	.....	1	1	.....	.....	....	....	1	1	....
Pancreas:											
Pancreatitis	....	4	1	5	.....	3	....	....	2	5	....
Peritoneum:											
Wounds	....	2	.....	2	.....	.....	....	....	....	.....	2
Peritonitis	....	17	12	29	.....	9	....	....	18	27	2
Tubercular	....	6	3	9	.....	7	....	1	1	9	....
Hernia:											
Inguinal	13	154	17	171	2	165	....	3	1	171	13
Femoral	1	1	7	8	.....	7	....	....	1	8	1
Umbilical	....	5	26	31	1	23	....	1	6	31	....
Ventral	....	4	1	5	.....	4	....	....	....	4	1
Other varieties	2	8	4	12	1	13	....	....	....	14	....
Urinary System, Male and Female.											
Bladder:											
Rupture	....	1	.....	1	.....	.....	....	....	1	1	....
Cystitis	....	4	6	10	.....	8	....	....	2	10	....
Tubercular	1	.....	.....	.....	.....	1	....	....	....	1	....
Calculus	1	4	.....	4	.....	5	....	....	....	5	....
Papilloma	....	1	.....	1	.....	1	....	....	....	1	....
Cancer	1	2	.....	2	.....	2	....	....	1	3	....
Exstrophy	....	1	.....	1	.....	.....	1	....	....	1	....
Ulcer	....	1	.....	1	.....	1	....	....	....	1	....
Hæmaturia	....	1	.....	1	.....	1	....	....	....	1	....
Ureters:											
Wounds	....	1	.....	1	.....	1	....	....	....	1	....
Calculus	....	2	1	3	.....	3	....	....	....	3	....
Stricture	....	.....	1	1	.....	1	....	....	....	1	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Kidney:											
Contusions, rupture, etc.	1	9	2	11	.....	10	....	....	2	12	....
Pyelitis	1	5	7	12	.....	10	3	....	....	13	....
Perinephritic Abscess,	1	1	1	2	.....	1	....	....	1	2	1
Hydronephrosis	....	4	.....	4	.....	3	....	1	....	4	....
Pyonephrosis	....	2	.....	2	.....	2	....	....	....	2	....
Calculus	1	4	2	6	.....	6	....	....	....	6	1
Tuberculosis	1	1	.....	1	.....	1	....	....	1	2	....
Sarcoma	....	.....	1	1	.....	.....	1	....	....	1	....
Hypernephroma	....	1	.....	1	.....	1	....	....	....	1	....
Movable Kidney	1	1	9	10	.....	11	....	....	....	11	....
Genital System, Male.											
Penis:											
Adherent Prepuce	....	2	.....	2	.....	2	....	....	....	2	....
Cancer	....	1	.....	1	.....	1	....	....	....	1	....
Elephantiasis	....	1	.....	1	.....	.....	....	....	1	1	....
Phimosis	....	6	.....	6	.....	6	....	....	....	6	....
Paraphimosis	....	2	.....	2	.....	2	....	....	....	2	....
Other diseases of this class	1	3	.....	3	.....	3	....	1	....	4	....
Urethra:											
Hæmorrhage	....	2	.....	2	.....	2	....	....	....	2	....
Urethritis	1	5	.....	5	.....	6	....	....	....	6	....
Cowperitis	....	1	.....	1	.....	1	....	....	....	1	....
Periurethral Abscess	....	11	.....	11	.....	11	....	....	....	11	....
Stricture	1	40	.....	40	.....	36	1	1	1	39	2
Extravasation of Urine	....	11	.....	11	.....	4	....	....	7	11	....
Retention of Urine	....	2	.....	2	.....	1	....	....	1	2	....
Prostate:											
Prostatitis	1	9	.....	9	.....	9	....	....	1	10	....
Abscess	....	8	.....	8	.....	6	....	....	1	7	1
Hypertrophy	4	27	.....	27	.....	23	1	....	7	31	....
Cancer	....	6	.....	6	.....	4	1	....	1	6	....

SURGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Sarcoma	....	1	.....	1	.....	.....	1	....	....	1	....
Calculus	....	1	.....	1	.....	1	....	....	....	1	....
Testicles:											
Abscess	1	3	.....	3	.....	3	....	1	....	4	....
Tuberculosis	....	7	.....	7	.....	7	....	....	....	7	....
Gumma	....	1	.....	1	.....	1	....	....	....	1	....
Sarcoma	....	1	.....	1	.....	1	....	....	....	1	....
Undescended Testicle	....	6	.....	6	.....	6	....	....	....	6	....
Epididymitis	3	17	.....	17	.....	19	....	....	....	19	1
Cord and Vas Deferens:											
Hydrocele	....	3	.....	3	.....	2	....	....	....	2	1
Varicocele	1	6	.....	6	.....	6	....	....	....	6	1
Seminal Vesicles:											
Vesiculitis	....	1	.....	1	.....	1	....	....	....	1	....
Tunica Vaginalis:											
Hydrocele	2	20	.....	20	.....	21	....	1	....	22	....
Other diseases of this class	....	3	.....	3	.....	2	....	1	....	3	....
Genital System, Female.											
Vulva:											
Hæmatoma of Labia	....	.....	1	1	.....	1	....	....	....	1	....
Abscess of Labia	....	.....	1	1	.....	1	....	....	....	1	....
Vagina:											
Vesico-vaginal Fistula	1	.....	1	1	.....	2	....	....	....	2	....
Ruptured Perineum	....	.....	1	1	.....	1	....	....	....	1	....
Cancer	....	.....	1	1	.....	1	....	....	....	1	....
Uterus:											
Endometritis	1	.....	7	7	.....	8	....	....	....	8	....
Tumors	....	.....	8	8	.....	7	....	....	1	8	....
Retroversion	....	.....	1	1	.....	1	....	....	....	1	....
Prolapse	....	.....	1	1	.....	1	....	....	....	1	....
Pregnancy	....	.....	2	2	.....	1	....	....	1	2	....

SURGICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cervix Uteri:											
Lacerations	....	.....	2	2	.....	2	....	....	....	2	....
Cysts	....	.....	1	1	.....	1	....	....	....	1	....
Cancer	....	.....	1	1	.....	.....	....	1	....	1	....
Fallopian Tubes:											
Salpingitis	3	.....	25	25	.....	19	....	1	4	24	4
Tubal Pregnancy	1	.....	6	6	.....	6	....	....	1	7	....
Ovaries:											
Ovaritis	....	.....	1	1	.....	.....	....	....	1	1	....
Parovarian Cysts	....	.....	2	2	.....	2	....	....	....	2	....
Pelvis:											
Peritonitis	....	.....	3	3	.....	3	....	....	....	3	....
Pelvic Abscess	1	.....	2	2	.....	2	....	....	1	3	....
BREAST.											
Abscess	....	.....	23	23	.....	21	....	....	....	21	2
Mastitis	....	.....	4	4	.....	4	....	....	....	4	....
Streptococcus Infection,	....	1	.....	1	.....	.....	....	....	1	1	....
Cancer	....	.....	27	27	.....	23	....	....	2	25	2
Other tumors	....	.....	9	9	.....	9	....	....	....	9	....
TUMORS NOT OTHERWISE CLASSIFIED.											
Fibroma	....	.....	2	2	.....	2	....	....	....	2	....
Lipoma	....	.....	1	1	.....	1	....	....	....	1	....
Carcinoma	....	6	3	9	.....	6	....	1	1	8	1
Sarcoma	....	8	2	10	.....	8	....	....	1	9	1
Other tumors	....	1	1	2	.....	2	....	....	....	2	....
UNCLASSIFIED.											
Alcoholism	....	2	.....	2	.....	2	....	....	....	2	....
Foreign bodies	....	4	8	12	.....	11	1	....	....	12	....
Exhaustion	....	3	.....	3	.....	1	....	....	2	3	....
Shock	....	4	2	6	.....	5	....	....	1	6	....
Poisoning by drugs	....	1	.....	1	.....	1	....	....	....	1	....
Delirium Tremens	....	5	1	6	.....	1	....	1	4	6	....

SURGICAL DISEASES.— *Concluded.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Medical diseases	....	47	39	86	1	43	15	14	11	84	2
Transferred to other departments	....	6	2	8	.....	3	3	2	....	8	....
Malingering	....	1	2	3	.....	3	....	....	....	3	....
Not treated	....	1	1	2	.....	.....	....	2	....	2	....
No disease	....	7	2	9	1	1	....	7	....	9	....
No diagnosis	....	1	1	2	.....	1	....	....	1	2	....
Not otherwise classified,	....	5	4	9	.....	9	....	....	....	9	....
Totals	198	2,881	1,190	4,071	19	3,523	69	61	395	4,067	202

SURGICAL OPERATIONS.

ON HOUSE PATIENTS IN THE SURGICAL SERVICES.

From February 1, 1909, to January 31, 1910, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
DRESSING OF WOUNDS:										
Including cleansing, curetting, suturing, etc.	24	5	29	....	27	....	2	....	29	
Incision and drainage	241	71	312	....	276	....	25	11	312	Endocarditis and Broncho-pneumonia, 11 days. Anthrax, 24 hours. Pneumonia, 4 days. Myocarditis, 1 day. Septicæmia, 8 days. Septicæmia, 6 days. Septicæmia, 1 day. Septicæmia, 1 day. Septicæmia, 1 day. Septicæmia, 1 day. Septicæmia, 3 hours.
Excision of tissue	67	23	90	1	83	....	2	4	90	Septicæmia, 30 days. Pneumonia, 8 days. Pneumonia, 13 days. Empyæma, 30 days.
Operations upon skin and appendages	9	2	11	....	11	....	....	....	11	
Operations upon Bones:										
For Fracture:										
a. Simple	23	8	31	....	30	....	1	....	31	
b. Compound	36	3	39	....	29	....	7	3	39	Pulmonary Hæmorrhage, 2 days. Taboparesis, 4 days. Alcoholism, 4 days.
For correction of deformity	20	7	27	....	23	....	3	1	27	Periarthritis, 2 weeks.
For Osteomyelitis	9	1	10	....	9	....	....	1	10	Septicæmia and Pneumonia, 20 days.
Laminectomy	1	....	1	....	.....	....	....	1	1	Pneumonia, 3 days.
Resection of rib	8	....	8	....	7	....	....	1	8	Intestinal Hæmorrhage, 35 minutes.
Trephining:										
a. Exploration	5	1	6	....	3	....	....	3	6	Meningitis, 9 days. Meningitis, 1 month. Embolism, 2 weeks.

SURGICAL OPERATIONS.—*Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
b. For bony lesions,	10	2	12	....	4	....	....	8	12	Intracerebral Hæmorrhage, 4 hours. Intracerebral Pressure, 1 day. Shock, 6 hours. Shock, 6 hours. Shock, 4 hours. Pneumonia, 2 hours. Meningitis, 16 days. Fracture of Skull, 12 hours.
c. For brain lesions,	12	3	15	....	9	....	1	5	15	Shock, 2 hours. Hæmorrhage, 8 hours. Meningitis, 27 days. Sinus Thrombosis, 36 hours. Cerebral Thrombosis, 3 days.
d. For gunshot wounds.....	1	....	1	....	1	....	....	....	1	
e. Upon bones other than skull.....	8	1	9	....	4	....	2	3	9	Pyæmia, 4 days. Hæmorrhage, 6 hours Hæmorrhage, 11 hours.
Amputations:										
a. Finger or toe....	31	1	32	....	30	....	2	....	32	
b. Upper Extremity:										
Hand.....	4	....	4	....	2	....	2	....	4	
Arm.....	2	....	2	....	1	....	....	1	2	Pneumonia, 7 days.
c. Lower Extremity:										
Foot.....	4	....	4	....	3	....	....	1	4	
Leg.....	8	1	9	....	5	....	....	4	9	Septicæmia, 12 days. Shock, 12 days. Exhaustion, 17 days. Pneumonia, 2 days. Pneumonia, 14 days.
Thigh.....	7	1	8	....	3	....	1	4	8	Gas Bacillus Infection, 3 days. Arteriosclerosis, 7 days. Diabetic Coma, 5 days. Septicæmia, 4 days.
Hip joint.....	.....	1	1	....	1	....	....	....	1	
Operations upon Joints and Ligaments:										
a. Reduction of dislocation.....	6	1	7	....	5	....	1	1	7	Septicæmia, 1 day.
b. Incision and drainage	16	3	19	....	17	....	....	2	19	Shock, 1 day. Septicæmia, 6 days.
c. Resection or excision.....	8	7	15	....	13	....	1	1	15	Septicæmia, 7 days.
d. Arthrodesis.....	.....	1	1	....	1	....	....	....	1	
e. Foreign bodies...	2	....	2	....	2	....	....	....	2	

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
f. Bursæ	1	....	1	....	1	....	....	....	1	
g. Ankylosis	1	....	1	....	1	....	....	....	1	
h. Suture of capsule,	5	1	6	....	5	....	1	....	6	
Operations upon muscles and tendons	12	3	15	....	15	....	....	....	15	
Operations upon Blood Vessels:										
a. Arterial:										
For transfusion,	1	2	3	....	1	....	....	2	3	Anæmia, 15 days. Secondary Anæmia and shock, 10 minutes.
Ligation or suture	1	....	1	....	1	....	....	....	1	
b. Venous:										
Ligation or suture	1	1	2	....	2	....	....	....	2	
Dissection and removal	11	7	18	....	17	....	1	....	18	
Operations upon Lymphatic System:										
a. Neck	9	6	15	....	12	....	3	....	15	
b. Axilla	4	1	5	....	5	....	....	....	5	
c. Groin	7	3	10	....	9	....	....	1	10	Myocarditis, 1 week.
Operations upon Nervous System:										
a. Brain	2	....	2	....	.....	1	....	1	2	Shock, 1 day.
b. Cord	1	....	1	....	.....	....	1	....	1	
c. Peripheral	2	3	5	....	5	....	....	....	5	
Operations upon Alimentary System, not involving Abdominal Section:										
a. Mouth, tongue, salivary glands,	5	1	6	....	3	....	1	2	6	Carcinoma of Lip, 3 days. Carcinoma of Tongue, 12 hours.
b. Pharynx	1	....	1	....	1	....	....	....	1	
c. Rectum	3	5	8	....	7	....	1	....	8	
d. Anus:										
Fistula	17	7	24	....	22	....	2	....	24	
Hæmorrhoids	53	19	72	....	67	....	5	....	72	
Operations upon the Respiratory System:										
a. Trachea	1	1	2	....	2	....	....	....	2	

SURGICAL OPERATIONS.—*Continued.*

Operations.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	Remarks.
b. Lungs and bronchi	14	3	17	....	13	....	2	2	17	Abscess of Liver, 7 days. Œdema of Brain, 8 hours.
c. Pleura	7	....	7	....	4	....	2	1	7	Septicæmia and exhaustion, 8 days.
Operations upon Urinary System:										
a. Male:										
Kidney	9	3	12	....	8	....	....	4	12	Hæmorrhage, 2 days. Rupture of Kidneys, 6 hours. Rupture of Kidney, 32 hours. Secondary Anæmia and Shock, 5 hours.
Bladder	7	....	7	....	7	....	....	....	7	
Urethra	47	....	47	....	40	....	1	6	47	Septicæmia, 5 days. Delirium Tremens, 2 weeks. Myocarditis, 19 days. Pneumonia, 5 days. Aortic and Mitral Disease, 10 days. Extravasation of Urine and Stricture of Urethra, 2 days.
b. Female:										
Kidney	.....	5	5	....	4	....	1	....	5	
Ureter	.....	1	1	....	1	....	....	....	1	
Operations upon Genital System, not involving Abdominal Section:										
a. Male:										
Penis	4	....	4	....	3	....	....	1	4	Septicæmia and Œdema of Lung, 10 days.
Testicle	46	....	46	....	42	....	4	....	46	
Prostate	34	....	34	....	21	....	3	10	34	Uræmia, 2 days. Exhaustion, 18 days. Pneumonia, 5 weeks. Pneumonia, 5 days. Pneumonia and Alcoholism, 3 weeks. Pneumonia, 3 days. Septicæmia and exhaustion, 4 days. Cerebral Embolism, 7 days. Hypertrophy of Prostate, 12 hours. Hypertrophy of Prostate, 17 days.
b. Female:										
Vagina	.....	2	2	....	2	....	....	....	2	
Vulva	.....	1	1	....	1	....	....	....	1	
Uterus	.....	4	4	....	3	....	1	....	4	
Hernia:										
a. Inguinal	147	7	154	....	132	....	22	....	154	

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
b. Femoral.....	1	7	8	....	6	....	2	....	8	
c. Umbilical.....	2	24	26	....	19	....	2	5	26	Myocarditis, 1 day. Myocarditis, 4 days. Toxæmia, 6 days. Toxæmia and Intestinal Obstruction, 2 days. Obstruction, 4 days.
d. Retroperitoneal..	.....	1	1	....	1	....	....	....	1	
e. Post operative ..	2	8	10	....	8	....	2	....	10	
f. Other forms.....	5	1	6	....	4	....	1	1	6	Intestinal Obstruction, 4 hours.
Operations upon Organs of Special Sense:										
Nose.....	.....	1	1	....	1	....	....	....	1	
Abdominal Section:										
a. Exploratory.....	9	9	18	....	12	....	3	3	18	Shock, 1 day. Shock, 1 day. Carcinoma of Gall Bladder, 7 weeks.
b. Stomach.....	18	4	22	....	11	....	1	10	22	Pneumonia, 1 month. Shock, 1 day. Exhaustion, 5 days. General Peritonitis, 6 days. General Peritonitis, 1 week. Gastric Ulcer, 5 days. General Peritonitis, 1 day. General Peritonitis and Toxæmia, 7 days. Myocarditis, 41 days. Vicious Circle, 12 days.
c. Duodenum.....	4	1	5	....	3	....	....	2	5	Perforated Ulcer, 8 days. Perforated Ulcer and Peritonitis, 3 days.
d. Small intestine..	9	6	15	....	4	....	1	10	15	Shock, 2 days. Shock, 1 day. Shock, 2 hours. Shock and Toxæmia, 3 hours. Shock and Toxæmia, 2 days. Shock and Toxæmia, 7 hours. Shock and Toxæmia, 20 minutes. Intussusception, 2 days. Typhoid Perforation, 8 days. Typhoid Perforation, 1 day.
e. Colon.....	3	3	6	....	2	....	....	4	6	Myocarditis, 1 week. Exhaustion, 4 days. Shock, 1 day. Intestinal Obstruction, 1 day.

SURGICAL OPERATIONS.— *Continued.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
f. Appendix:										
a. Acute:										
Preperforative,	80	59	139	....	123	....	14	2	139	General Peritonitis, 3 days. General Peritonitis, 1 day.
With Localized Abscess.....	59	25	84	....	71	....	6	7	84	Pneumonia, 10 days. Peritonitis and Toxæmia, 1 day. Peritonitis and Toxæmia, 3 days. Peritonitis and Toxæmia, 5 days. Shock and exhaustion, on table. Peritonitis, 7 days. Intestinal Obstruction, 4 days.
With Diffuse Peritonitis...	17	9	26	....	16	....	3	7	26	Intestinal Obstruction, 42 days. Peritonitis, 1 day. Peritonitis, 3 days. Peritonitis, 2 days. Peritonitis, 8 days. Peritonitis, 3 days. Peritonitis, 18 days.
With General Peritonitis...	15	7	22	....	3	....	....	19	22	Shock, 4 days. Septicæmia, 1 day. Septicæmia, 2 days. Septicæmia and exhaustion, 6 days. Septicæmia and exhaustion, 2 days. Septicæmia and exhaustion, 8 days. Septicæmia and exhaustion, 7 hours. Pulmonary Tuberculosis, 2 days. Peritonitis, 4 days. Peritonitis, 4 days. Peritonitis, 1 day. Peritonitis, 1 day. Peritonitis, 1 day. Peritonitis, 1 day. Peritonitis, 2 days. Peritonitis, 5 days. Peritonitis, 32 hours. Peritonitis, 8 hours. Peritonitis, 4 hours.
b. Interval.....	24	19	43	....	41	....	2	....	43	
c. Chronic.....	1	....	1	....	1	....	....	....	1	
g. Liver.....	4	2	6	....	3	....	1	2	6	Endocarditis, 17 days. Abscess of Liver, on table.
h. Gall bladder and bile ducts.....	15	41	56	....	35	....	12	9	56	Shock, 12 hours. Exhaustion, 40 days. Pneumonia, 3 days. Shock and Septicæmia, 1 day. Perforation of Gall Bladder, 3 days. Exhaustion, 1 day. Exhaustion, 1 week. Myocarditis, 12 days. Perforation of Gall Bladder, 3 days.

SURGICAL OPERATIONS.—*Concluded.*

OPERATIONS.	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	In Hospital.	Died.	Total.	REMARKS.
i. Pancreas	2	....	2	....	1	....	....	1	2	Peritonitis, 24 hours.
j. Spleen	.....	1	1	....	.....	....	....	1	1	Secondary Anæmia and shock, 6 hours.
k. Mesentery and Omentum	1	....	1	....	1	....	....	....	1	
l. Uterus and Appendages	.....	29	29	....	21	....	5	3	29	Peritonitis, 11 days. Intestinal Obstruction, 5 days. Pulmonary Embolism, 12 days.
m. Peritonitis, origin undetermined	9	1	10	....	3	....	....	7	10	Peritonitis, 2 days. Peritonitis, 4 days. Peritonitis, 7 days. Peritonitis, 11 days. Peritonitis, 1 day. Peritonitis, 1 day. Peritonitis, 36 hours.
n. Peritonitis, tuberculous	2	....	2	....	2	....	....	....	2	
o. Peritonitis and Pelvic Abscess,	.....	1	1	....	.....	....	....	1	1	Peritonitis, 3 days.
Operations upon Tumors, not involving Abdominal Section:										
a. Benign:										
Face	2	1	3	....	3	....	....	....	3	
Breast	.....	10	10	....	10	....	....	....	10	
b. Malignant	.....	3	3	....	3	....	....	....	3	
Face	10	2	12	....	10	....	1	1	12	Shock, 6 hours.
Breast	1	25	26	....	23	....	2	1	26	Pneumonia, 36 hours.
Back	1	....	1	....	1	....	....	....	1	
Neck	1	2	3	....	3	....	....	....	3	
Plastic Operations, for:										
a. Deformities	5	6	11	....	10	....	....	1	11	Meningitis, 14 hours.
b. Skin Grafts	10	6	16	....	14	....	2	....	16	
c. Wounds and Scars	3	3	6	....	6	....	....	....	6	
Foreign bodies	13	9	22	....	21	....	1	....	22	
Unclassified	14	4	18	....	12	....	....	6	18	Uræmia, 1 week. Hæmorrhage, 24 hours. Empyæma and Pericarditis, 13 days. Pneumonia, 5 days. Intestinal Obstruction, 1 week. Unknown cause, on table.
Totals	1,357	559	1,916	1	1,564	1	162	188	1,916	

GYNÆCOLOGICAL DISEASES.

From February 1, 1909, to January 31, 1910, Inclusive.

Diseases.	In Hospital Feb. 1, 1909.	Admitted.	Discharged.						In Hospital Jan. 31, 1910.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
External Genitalia.									
Neoplasms:									
Condylomata	1	....	....	....	1	....	....	1	....
Epithelioma	....	1	....	1	....	....	....	1	....
Inflammatory:									
Chancroid	....	1	....	1	....	....	....	1	....
Hæmatoma	....	1	....	1	....	....	....	1	....
Vulvo-Vaginal Abscess	....	20	4	15	....	....	....	19	1
Furunculosis	....	1	....	1	....	....	....	1	....
Lacerated Wound of Vulva	....	1	....	1	....	....	....	1	....
Vagina and Perineum.									
Mechanical:									
Cystocele	1	9	2	8	....	....	....	10	....
Rectocele	....	15	3	12	....	....	....	15	....
Recto-Vaginal Abscess	....	1	....	1	....	....	....	1	....
Vesico-Vaginal Fistula	....	2	....	....	....	....	1	1	1
Ruptured Perineum:									
Complete	....	2	2	....	....	....	....	2	....
Incomplete	....	51	27	21	....	1	....	49	2
Inflammatory:									
Vaginitis	....	2	....	2	....	....	....	2	....
Uterus.									
Atrophy	....	1	....	1	....	....	....	1	....
Neoplasms:									
Carcinoma, uterus	....	12	1	4	....	3	4	12	....
Carcinoma, cervix	....	8	....	7	....	....	1	8	....

GYNÆCOLOGICAL DISEASES.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.	Discharged.						In Hospital Jan. 31, 1910.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Fibroid	5	30	14	12	2	1	3	32	3
Fibroid, pedunculated	....	1	....	1	....	....	....	1	....
Fibroid Polypus	....	1	....	1	....	....	....	1	....
Polyp of Cervix	....	3	1	1	1	....	....	3	....
Hydatidiform Mole	....	1	1	....	....	....	....	1	....
Mechanical:									
Anteflexion	....	9	1	6	1	1	....	9	....
Retroversion	....	59	30	22	2	3	....	57	2
Retroversion with Pregnancy	....	2	1	1	....	....	....	2	....
Prolapse	3	6	1	6	2	....	....	9	....
Procidentia	....	4	....	1	1	1	....	3	1
Laceration	1	49	27	17	2	2	....	48	2
Ruptured Uterus	....	1	....	1	....	....	....	1	....
Uterine Hæmorrhage	....	3	1	1	....	....	1	3	....
Inflammatory:									
Endometritis	1	68	18	48	1	....	....	67	2
Metritis	....	2	1	1	....	....	....	2	....
Parametritis	....	1	....	....	1	....	....	1	....
Functional:									
Dysmenorrhœa	....	8	2	6	....	....	....	8	....
Menorrhagia	....	8	2	6	....	....	....	8	....
Metrorrhagia	....	4	2	2	....	....	....	4	....
Pregnancy and Parturition:									
Pregnancy	....	37	17	14	4	1	....	36	1
Puerperium	3	36	32	6	....	....	....	38	1
Puerperal Sepsis	....	10	5	1	1	....	3	10	....
Miscarriage, threatened	2	15	11	3	....	....	....	14	3
" complete	....	32	25	6	....	....	1	32	....
" incomplete	15	189	120	75	1	....	....	196	8
Ectopic Gestation	....	19	11	7	....	....	....	18	1
Placenta Prævia	....	1	1	....	....	....	....	1	....
Criminal Abortion	....	5	3	1	....	....	1	5	....
Induced Abortion	....	46	32	12	....	1	1	46	....
Prematurity	....	17	2	....	....	....	15	17	....
Vomiting of Pregnancy	1	4	3	1	....	....	1	5	....

GYNÆCOLOGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.	Discharged.						In Hospital Jan. 31, 1910.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Ovaries.									
Neoplasms:									
Carcinoma	....	2	....	1	1	....	....	2	....
Cyst	2	60	40	15	1	....	2	58	4
" Dermoid	....	2	....	1	....	....	....	1	1
Fallopian Tubes.									
Inflammatory:									
Salpingitis, acute	5	36	10	27	3	1	....	41	....
" chronic	7	98	49	42	3	4	2	100	5
" tubercular	....	3	....	3	....	....	....	3	....
Combined Genital Diseases.									
Pelvic Abscess	5	24	....	28	....	....	....	28	1
" Cellulitis	....	3	....	3	....	....	....	3	....
" Inflammation	1	63	2	52	....	2	1	57	7
" Peritonitis	....	3	....	2	....	....	....	2	1
Urinary Organs.									
Neoplasm:									
Urethral Caruncle	....	1	....	1	....	....	....	1	....
Inflammatory:									
Cystitis	....	4	1	3	....	....	....	4	....
Pyelitis	....	10	4	4	....	....	2	10	....
Urethritis	....	2	2	....	....	....	....	2	....
Constitutional Diseases of Puerperal or Venereal Origin.									
Eclampsia	....	12	2	3	....	....	7	12	....
Septicæmia	....	14	2	7	....	....	5	14	....
Mental Reflexes of Sexual Origin.									
Confusional Insanity	....	1	....	1	....	....	....	1	....
Hallucinations	....	1	....	....	1	....	....	1	....
Unclassified.									
Hæmorrhagic Disease of the New Born	....	2	....	....	....	....	2	2	....

GYNÆCOLOGICAL DISEASES.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.	Discharged.						In Hospital Jan. 31, 1910.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Ophthalmia Neonatorum	....	1	....	....	1	....	....	1	....
Sterility	....	6	....	3	....	2	....	5	1
Necrosis of Breast	....	2	....	2	....	....	....	2	....
Abdominal Abscess	....	1	1	....	....	....	....	1	....
" Adhesions	....	1	....	1	....	....	....	1	....
" Carcinomatosis	....	5	....	....	4	....	1	5	....
" Sinus	1	1	....	2	....	....	....	2	....
Abscesses	....	2	....	2	....	....	....	2	....
Acute Articular Rheumatism	....	2	....	2	....	....	....	2	....
Acute Dilatation of Stomach	....	1	....	....	....	....	1	1	....
Alcoholic Neuritis	....	1	....	1	....	....	....	1	....
Alcoholic Psychosis	1	.....	....	....	....	....	1	1	...
Aortic Regurgitation	....	1	....	1	....	....	....	1	....
Appendicitis	....	31	14	14	2	....	....	30	1
Arteriosclerosis	....	1	....	....	1	....	....	1	....
Cardiac	....	1	....	1	....	....	....	1	....
Cirrhosis of Liver	....	1	....	....	....	....	1	1	....
Condylomata	....	1	....	1	....	....	....	1	..
Constipation	....	13	3	9	....	....	....	12	1
Debility	....	9	2	6	....	....	....	8	1
Embolism, pulmonary	....	1	....	....	....	....	1	1	....
Endocarditis	....	2	....	....	....	....	2	2	....
Enteritis	....	2	....	2	....	....	....	2	....
Erysipelas	....	2	1	1	....	....	....	2	....
Erythema Nodosum	....	1	....	....	1	....	....	1	....
Fissure in Ano	....	2	....	2	....	....	....	2	....
Fistula, fecal	1	1	....	2	....	....	....	2	....
Hæmorrhoids	....	1	....	1	....	....	....	1	....
Hernia	....	8	6	....	....	....	....	6	2
Infancy	4	30	31	1	....	....	....	32	2
Intestinal Obstruction	....	1	1	....	....	....	....	1	....
Meningitis	....	1	....	....	1	....	....	1	....
Morphinism	....	1	....	1	....	....	....	1	....
Nephritis	....	1	....	1	....	....	....	1	....
Neurasthenia	....	2	....	2	....	....	....	2	....

GYNÆCOLOGICAL DISEASES.— *Concluded.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.	Discharged.						In Hospital Jan. 31, 1910.
			Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Noma	....	1	....	1	....	....	....	1	....
Peritonitis, general	....	11	3	4	....	....	4	11	....
" tubercular	....	4	1	1	....	....	2	4	....
Phlebitis	....	4	....	4	....	....	....	4	....
Pleurisy	....	2	1	....	1	....	....	2	....
Pneumonia	....	6	3	1	....	....	2	6	....
Poisoning (drug)	....	1	....	....	....	....	1	1	....
Prolapsed Kidney	....	1	....	....	1	....	....	1	....
Pyelonephritis	....	1	....	1	....	....	....	1	....
Syphilis	....	2	....	2	....	....	....	2	....
Tonsillitis	....	1	....	1	....	....	....	1	....
Tuberculosis	....	1	....	....	1	....	....	1	....
" Kidney	....	1	....	1	....	....	....	1	....
Typhoid Fever	....	2	1	....	....	1	....	2	....
Ulcer, gastric	....	3	....	1	1	....	1	3	....
No gynæcological disease	....	7	....	2	....	5	....	7	....
Total diseases	60	1,325	583	605	43	29	70	1,330	55
Less patients counted more than once	....	189	82	89	9	2	3	185	4
Total patients	60	1,136	501	516	34	27	67	1,145	51

GYNÆCOLOGICAL OPERATIONS.

ON HOUSE PATIENTS IN THE GYNÆCOLOGICAL SERVICE.

From February 1, 1909, to January 31, 1910, Inclusive.

Operations.	In Hospital Feb. 1, 1909.	Total Operations.	Discharged.					In Hospital Jan. 31, 1910.	Remarks.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
On the Vulva.									
Excision of Carcinoma	....	1	1	....	....	....	1	....	
Incision of Vulvo-Vaginal Abscess	....	20	3	16	....	....	19	1	
On the Vagina.									
Colporrhaphy	....	4	3	1	....	....	4	....	
Anterior	1	9	3	7	....	....	10	....	
Posterior	2	....	....	2	....	....	2	....	
Vaginal Section	1	24	....	21	....	1	22	3	Multiple Abscesses of Kidney and Septicæmia, 24 hours.
Vaginal Cæsarean	....	2	....	....	....	2	2	....	Eclampsia, on table. Eclampsia, 24 hours.
On the Urethra.									
Excision of Caruncle	....	1	....	1	....	....	1	....	
On the Uterus.									
Curettage for:									
Anteflexion	....	9	4	5	....	....	9	....	
Carcinoma	....	2	....	1	1	....	2	....	
Dysmenorrhœa	....	5	....	5	....	....	5	....	
Endometritis	....	53	11	39	1	....	51	2	
Fibroid	....	7	2	3	....	....	5	2	
Hydatidiform Mole	....	1	....	1	....	....	1	....	
Menorrhagia	....	1	....	1	....	....	1	....	
Metrorrhagia	....	3	....	2	....	....	2	1	
Polypus	....	5	1	4	....	....	5	....	Septicæmia, 8 days.
Retained Products	13	214	151	62	....	6	219	8	Septicæmia, 4 days. Septicæmia, 4 days. Septicæmia, 2 days. Pulmonary Embolism, 12 hours.
Sterility	....	1	....	1	....	....	1	....	
Hysterectomy:									
Abdominal for Carcinoma,	....	10	2	4	....	4	10	....	Shock, 4 hours. Shock, 3 days. Debility, 5 days. Asthenia, 60 days.

GYNÆCOLOGICAL OPERATIONS.—*Continued.*

Operations.	In Hospital Feb. 1, 1909.	Total Operations.	Discharged.					In Hospital Jan. 31, 1910.	Remarks.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
Abdominal for Fibroid	....	12	4	5	....	3	12	....	Shock, 3 hours. Shock and Hæmorrhage, 4 hours. Acute Dilatation of Heart, 24 hours.
Leiomyoma	4	2	6	....	....	....	6	....	
Myomectomy	....	4	1	3	....	....	4	....	
Ventro-Fixation	....	2	1	1	....	....	2	....	
Ventro-Suspension	1	64	42	23	....	....	65	....	
On the Cervix Uteri.									
Amputation	2	6	2	6	....	....	8	....	
Morcellation	....	7	....	6	....	1	7	....	Acute Dilatation of Heart, 21 days.
Trachelorrhaphy	1	42	19	23	....	....	42	1	
On the Perineum.									
Perineorrhaphy	....	3	....	2	....	....	2	1	
Complete	....	13	8	4	....	....	12	1	
Incomplete	1	34	13	22	....	....	35	....	
On the Tubes and Ovaries.									
Cœliotomy for:									
Ectopic Gestation	....	7	2	5	....	....	7	....	
Salpingectomy	....	62	39	18	....	1	58	4	Peritonitis, 5 days.
Salpingo-oöphorectomy for:									
Ectopic Gestation	1	2	2	1	....	....	3	....	
Ovarian Abscess	....	1	....	1	....	....	1	....	
Ovarian Cyst	....	9	5	3	....	1	9	....	Pneumonia, 7 days.
Salpingitis	3	15	14	3	....	1	18	....	Pulmonary Embolism, 18 hours.
Resection of Ovaries for Cyst	....	16	9	3	....	....	12	4	
Resection of Tubes for:									
Ectopic Gestation	....	2	2	....	....	....	2	....	
Salpingitis	1	5	4	2	....	....	6	....	
Oöphorectomy	1	14	11	3	1	....	15	....	
Hernia.									
Inguinal	....	5	1	2	....	....	3	2	
Ventral	....	2	....	2	....	....	2	....	
Unclassified.									
Accouchement Forcé	....	4	....	1	....	3	4	....	Eclampsia, 12 hours. Eclampsia, 28 hours. Pneumonia and Acute Dilatation of Heart, 15 days.

GYNÆCOLOGICAL OPERATIONS.—*Concluded.*

Operations.	In Hospital Feb. 1, 1909.	Total Operations	Discharged.					In Hospital Jan. 31, 1910.	Remarks.
			Well.	Relieved.	Not Relieved.	Died.	Total.		
Normal Delivery	2	18	14	6	....	....	20	....	
Premature Delivery	....	5	5	....	....	....	5	....	
Internal Podalic Version	2	1	2	....	....	1	3	....	Eclampsia, 3 days.
Cæsarean Section	1	....	1	....	....	....	1	....	
Abscess of Abdominal Wall,	....	1	1	....	....	....	1	....	
Appendectomy	3	49	36	15	....	1	52	....	Peritonitis and shock, 6 hours.
Cœliotomy for:									
Exploration	....	2	1	1	....	....	2	....	
General Peritonitis	....	7	....	2	....	5	7	....	General Peritonitis, 9 days. General Peritonitis, 3 days. General Peritonitis, 4 days. General Peritonitis, 1 day. General Peritonitis, 2 hours.
Tubercular Peritonitis	....	1	....	1	....	....	1	....	
Excision of Vesico-Vaginal Fistula	....	1	....	....	....	1	1	....	Pneumonia, 10 days.
Fistula in Ano	....	2	....	2	....	....	2	....	
Hæmorrhoids	....	2	2	....	....	....	2	....	
Ischiorectal Abscess	....	1	....	1	....	....	1	....	
Totals	40	795	430	341	3	31	805	30	

DISEASES OF THE EYE.

Cases Treated in Hospital from February 1, 1909, to January 31, 1910, Inclusive.

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Conjunctiva.											
Conjunctivitis, catarrhal	....	2	1	3	1	2	....	....	....	3	....
" chronic	....	....	1	1	....	1	....	....	....	1	....
" phlyctenular	....	....	1	1	....	1	....	....	....	1	....
" purulent	....	1	....	1	1	....	....	....	....	1	....
" traumatic	....	2	....	2	....	2	....	....	....	2	....
" with frontal sinus	....	1	....	1	....	1	....	....	....	1	....
Ophthalmia Neonatorum	....	1	....	1	1	....	....	....	....	1	....
Burns, lime	....	3	....	3	....	3	....	....	....	3	....
Pterygium	....	1	....	1	1	....	....	....	....	1	....
Cornea and Sclerotica.											
Keratitis, interstitial	1	....	5	5	....	5	....	....	....	5	1
" marginalis	....	....	1	1	....	1	....	....	....	1	....
" phlyctenular	....	1	3	4	1	3	....	....	....	4	....
" tubercular	1	1	....	1	....	2	....	....	....	2	....
" with hypopion	....	....	2	2	....	1	1	....	....	2	....
" with anterior staphyloma	....	1	....	1	....	....	....	....	....	....	1
Adherent Leucoma	....	1	....	1	....	1	....	....	....	1	....
Corneal Perforation	....	2	....	2	1	1	....	....	....	2	....
Ulcer	1	8	3	11	4	7	1	....	....	12	....
Ulcer with Pannus	....	1	....	1	....	1	....	....	..	1	....
Injury, perforating	....	2	....	2	1	1	....	....	....	2	....
Powder burns	....	3	....	3	1	2	....	....	....	3	....
Lens and Capsule.											
Cataract, myopic	....	1	....	1	....	1	....	....	....	1	....
" senile	....	2	5	7	3	4	....	....	....	7	....

DISEASES OF THE EYE.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Dislocation of Lens	....	1	....	1	....	1	....	....	....	1	....
Opacity of Capsule	....	....	1	1	....	....	....	....	....	....	1
Globe.											
Injury	....	1	....	1	....	1	....	....	....	1	....
Disorganization from Injury	2	....	....	....	....	2	....	....	....	2	....
Phthisis Bulbi	....	1	....	1	....	....	1	....	....	1	....
Rupture	....	3	....	3	1	1	....	....	....	2	1
Lachrymal Apparatus.											
Dacryocystitis, acute	....	....	1	1	1	....	....	....	....	1	....
" chronic	....	....	2	2	....	2	....	....	....	2	....
" with Erysipelas	....	....	1	1	....	1	....	....	....	1	....
Lids.											
Abscess	....	2	1	3	2	1	....	....	....	3	....
Blepharitis with Conjunctivitis	....	1	....	1	1	....	....	....	....	1	....
Ectropion	....	1	....	1	....	1	....	....	....	1	....
Entropion	1	....	....	....	....	1	....	....	....	1	....
Erysipelas	....	2	....	2	....	1	....	....	1	2	....
Tumor	....	1	....	1	....	1	....	....	....	1	....
Wound	....	2	....	2	1	1	....	....	....	2	....
Orbit.											
Hæmorrhage	....	2	....	2	1	1	....	....	....	2	....
Injury	....	1	....	1	....	1	....	....	....	1	....
Subperiostal Abscess of Orbital Ring	....	....	1	1	1	....	....	....	....	1	....
Nerves and Muscles.											
Convergent Strabismus	....	1	1	2	1	1	....	....	....	2	....
Iris, Ciliary Body and Choroid.											
Iritis	....	4	2	6	....	4	....	....	....	4	2
" rheumatic	....	2	1	3	2	1	....	....	....	3	....
Iridocyclitis	....	2	....	2	....	2	....	....	....	2	....
Rupture of Iris	....	1	....	1	....	1	....	....	....	1	....

DISEASES OF THE EYE.— *Concluded.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Glaucoma, acute	....	1	1	2	....	2	....	....	....	2	....
" chronic	....	....	1	1	....	1	....	....	....	1	....
" traumatic	....	1	....	1	....	....	....	....	....	....	1
Choroiditis	....	1	1	2	....	1	....	....	....	1	1
Blocked Pupil	....	1	....	1	....	1	....	....	....	1	....
Sympathetic Ophthalmia	....	....	1	1	....	1	....	....	....	1	....
Hyphemia	....	....	1	1	....	1	....	....	....	1	....
UNCLASSIFIED.											
Compound Fracture of Superior Maxilla with Injury to Tear Sac	....	1	....	1	1	....	....	....	....	1	....
Totals	6	67	38	105	27	72	3	....	1	103	8

OPHTHALMIC OPERATIONS.

ON HOUSE PATIENTS IN THE OPHTHALMIC SERVICE.

From February 1, 1909, to January 31, 1910, Inclusive.

Operations.	Admitted.			Discharged.				
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.
Globe.								
Enucleation	5	1	6	2	3	1	....	6
Conjunctiva.								
Pterygium	1	....	1	1	....	....	....	1
Cornea.								
Incision	1	....	1	....	1	....	....	1
Sæmisch Section	....	1	1	....	1	....	....	1
Removal of Powder Stains	1	....	1	1	....	....	....	1
Lens and Capsule.								
Cataract:								
Senile	3	5	8	4	4	....	....	8
Needling	1	....	1	....	1	....	....	1
Incision	....	1	1	....	....	1	....	1
Iris.								
Iridectomy	5	3	8	....	7	1	....	8
Lachrymal Apparatus.								
Excision of Sac	....	2	2	....	2	....	....	2
Curettage of Sac	....	1	1	1	....	....	....	1
Ocular Muscles.								
Tenotomy and Advancement	1	1	2	....	2	....	....	2
Lids.								
Abscess	2	1	3	2	1	....	....	3
Ectropion	1	....	1	....	1	....	....	1
Excision of Tumor	1	....	1	....	1	....	....	1

OPHTHALMIC OPERATIONS.— *Concluded.*

Operations.	Admitted.			Discharged.				
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.
Plastic	2	....	2	1	1	....	....	2
Suture of Wound	1	....	1	1	....	....	....	1
Unclassified.								
Excision of Adenoids	....	1	1	1	....	....	....	1
Totals	25	17	42	14	25	3	....	42

DISEASES OF THE EAR.

Cases Treated in Hospital from February 1, 1909, to January 31, 1910, Inclusive.

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.				In Hospital Jan. 31, 1910.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
Meatus.									
Inflammation:									
Acute Circumscribed	....	....	2	....	....	2	....	....	....
Middle Ear.									
Inflammation:									
Simple Acute	....	7	5	5	....	13	....	....	4
With Adenoids	....	1	....	....	....	1	....	....	....
" Caries	....	....	....	1	....	....	....	1	....
" Mastoid Involvement	....	4	1	....	....	1	....	....	4
Chronic	....	....	....	1	....	1	....	....	....
Suppurative	....	1	3	....	....	4	....	....	....
With Caries	....	....	1	....	....	1	....	....	....
" Typhoid Fever	....	....	1	....	....	....	1	....	....
Chronic	1	....	1	....	....	2	....	....	....
With Acute Exacerbation	....	1	....	....	....	1	....	....	....
Mastoid.									
Mastoiditis, acute	1	16	22	2	....	34	....	1	6
With Epidural Abscess	....	1	....	....	....	1	....	....	....
" Facial Paralysis	....	....	1	....	....	....	....	....	1
" Pyæmia	....	....	1	....	....	....	....	1	....
" Perisinus Abscess	....	1	....	....	....	1	....	....	....
" Perisinus Abscess and Sinus Thrombosis	....	1	....	....	....	....	....	....	1
" Periostitis	....	1	....	....	....	1	....	....	....
Secondary	....	1	3	....	....	2	2	....	....
Traumatic	....	....	1	....	....	1	....	....	....
Mastoiditis, chronic	1	8	6	....	1	14	....	....	....

DISEASES OF THE EAR.— *Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.				In Hospital Jan. 31, 1910.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
With Epidural Abscess	....	....	1	....	....	1	....	....	....
" Meningitis	....	....	2	....	....	....	....	2	....
" Perisinus Abscess	....	....	1	....	....	1	....	....	....
Post-mastoid Caries	....	1	....	....	....	1	....	....	....
Post-mastoid Irritation	....	....	1	....	....	1	....	....	....
Post-mastoid Sinus	....	....	1	....	....	1	....	....	....
PHARYNX AND NASO-PHARYNX.									
Adenoids	....	....	....	4	....	4	....	....	....
Adenoids and Tonsils	....	....	....	11	....	9	....	....	2
Retropharyngeal Abscess	....	....	....	2	....	2	....	....	....
Postpharyngeal Myxoma	....	....	....	1	....	1	....	....	....
LARYNX.									
Laryngitis, acute	....	....	....	2	....	2	....	....	....
Laryngeal Stenosis	....	....	....	1	....	1	....	....	....
Œdema of Larynx	....	....	....	1	....	....	....	....	1
TONSILS.									
Hypertrophied Tonsils	....	....	....	10	....	10	....	....	....
Tonsillitis, acute	....	....	....	2	....	2	....	....	....
" acute follicular	....	....	....	1	1	....	....	....	....
Tonsillar Abscess	....	....	....	1	....	....	....	1	....
Peritonsillar Abscess	....	5	4	21	5	24	1	....	....
Subtonsillar Abscess	....	....	1	....	....	1	....	....	....
Post-operative Tonsillar Hæmorrhage	....	2	2	8	3	9	....	....	....
ANTERIOR NASAL CAVITIES.									
Abscess of Septum	....	....	....	1	1	....	....	....	....
Deviated Septum	1	....	....	13	....	14	....	....	....
Epistaxis	....	....	....	10	2	8	....	....	....
With Hæmophilia	....	....	....	1	....	1	....	....	....
Dislocated Anterior Cartilage	....	....	....	1	....	....	....	....	1
Foreign Body in Nose	....	....	....	1	....	1	....	....	....
Fracture of Nose (old)	....	....	....	1	1	....	....	....	....
Fracture of Nose, compound	....	....	....	3	....	2	1	....	....

DISEASES OF THE EAR.— *Concluded.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.				In Hospital Jan. 31, 1910.
		Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	
Accessory Sinuses.									
Inflammation:									
Antrum of Highmore, acute	....	1	....	1	....	1	....	....	1
With Caries	....	....	....	1	....	1	....	....	....
Chronic with Necrosis of Frontal Bone	....	....	....	1	....	1	....	....	....
Empyæma	1	1	....	....	....	2	....	....	....
Ethmoiditis with Orbital Cellulitis	....	....	....	1	....	....	....	1	....
" " Tic Douloureux	....	....	1	....	....	1	....	....	....
Frontal Sinusitis, Secondary	....	....	....	2	....	2	....	....	....
Unclassified.									
Abscess, alveolar	....	....	....	1	....	....	1	....	....
" post-auricular	....	....	1	....	....	1	....	....	....
Cephalalgia	....	....	....	1	....	1	....	....	....
Cicatrix of Auricle	....	1	....	....	....	1	....	....	....
Diphtheria	....	....	....	1	....	....	1	....	....
Fracture, base of skull	....	1	....	....	....	1	....	....	....
Glossitis	....	....	....	2	....	....	2	....	....
Herpes, soft palate	....	....	....	1	....	1	....	....	....
Hyperostosis of Palate	....	....	....	1	....	1	....	....	....
Infancy	....	....	....	1	....	1	....	....	....
Neuralgia	....	....	....	1	....	1	....	....	....
Otalgia, neurotic	....	....	1	....	....	1	....	....	....
Pneumonia	1	....	....	....	....	1	....	....	....
Retained Tracheotomy Tube	....	....	....	1	....	....	....	....	1
Stomatitis, desquamative	1	....	....	....	....	1	....	....	....
Tic Douloureux	....	....	....	1	....	1	....	....	....
Wound of Scalp	....	....	....	1	....	1	....	....	....
Totals	7	55	64	123	14	197	9	7	22

Admitted.....242 Males.....121
Discharged.....227 Females.....121

AURAL OPERATIONS.

ON HOUSE PATIENTS IN THE AURAL SERVICE.

From February 1, 1909, to January 31, 1910, Inclusive.

Operations.	Admitted.			Discharged.					In Hospital Jan. 31, 1910.
	Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Mastoid.									
Mastoid Operation	17	21	....	....	32	....	1	33	5
Mastoid Operation with Exenteration of Middle Ear	3	4	....	1	6	....	....	7	....
Mastoid Operation with Meningitis	....	1	....	....	....	....	1	1	....
Mastoid Operation with Meningitis and Intradural Abscess	....	1	....	....	....	....	1	1	...
Mastoid Operation with Extradural Abscess	1	1	....	....	2	....	....	2	....
Mastoid Operation with Epidural Abscess	1	1	....	....	2	....	....	2	....
Mastoid Operation with Perisinus Abscess	1	1	....	....	2	....	....	2	....
Mastoid Operation with Exploratory Trephine	....	1	....	....	....	....	1	1	....
Mastoid Operation with Post-operative Caries	....	2	....	....	2	....	....	2	....
Mastoid Operation with Removal of Cervical Gland	1	....	....	....	....	....	....	....	1
Mastoid Operation with Sinus Thrombosis	1	....	....	....	1	....	....	1	....
Mastoid Operation with Fracture of Skull	....	1	....	....	1	....	....	1	....
Secondary Mastoid Operation	1	2	....	....	2	1	....	3	....
Post-mastoid Caries with Plastic of Auricle	1	....	....	....	1	....	....	1	....
Post-operative Sinus Closure	....	1	....	....	1	....	....	1	....
Skin Graft of Canal and Middle Ear	....	1	....	....	1	....	....	1	....
Tympanic Membrane.									
Paracentesis	5	7	2	....	13	....	....	13	1
Nasal Septum.									
Abscess of Septum	....	....	1	1	....	....	....	1	....

AURAL OPERATIONS.—*Continued.*

Operations.	Admitted.			Discharged.					In Hospital Jan. 31, 1910.
	Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Deflection of Septum	....	....	1	....	1	....	....	1	....
Submucous Resection	....	....	8	....	7	....	....	7	1
Replacing Dislocated Anterior Cartilage,	....	....	1	....	1	....	....	1	....
Accessory Sinuses.									
Curetting Antrum	....	....	1	....	1	....	....	1	....
Curetting Antrum and Resection of Alveolar Process	....	....	1	....	1	....	....	1	....
Curetting Frontal Sinus and Ethmoid Cells	....	....	1	....	1	....	....	1	....
Removal of Bulla Ethmoidalis	....	....	1	....	1	....	....	1	....
Removal of Ethmoid Cells	....	1	....	....	1	....	....	1	....
Purulent Inflammation of Antrum of Highmore	1	....	....	....	1	....	....	1	....
Auricle and Canal.									
Plastic of Auricle	1	....	....	....	1	....	....	1	....
Incision of Furuncle of Canal	1	....	....	....	1	....	....	1	....
Adenoids and Tonsils.									
Adenectomy	....	....	8	....	8	....	....	8	....
Adenectomy and Tonsillotomy	....	....	13	1	12	....	....	13	....
Adenectomy and Tonsillotomy with Retropharyngeal Incision	....	....	1	....	....	....	....	....	1
Tonsillotomy	....	....	14	....	14	....	....	14	....
Tonsillar Abscess	....	....	1	....	....	....	1	1	....
Peritonsillar Abscess	2	4	18	4	19	....	....	23	1
Subtonsillar Abscess	....	1	....	....	1	....	....	1	....
Unclassified.									
Compound Fracture of Nose	....	....	2	....	1	1	....	2	....
Curettage of Old Scalp Wound	....	....	1	....	1	....	....	1	....
Excision of Bone Gumma	....	....	1	....	1	....	....	1	....
Excision of Post-pharyngeal Myxoma	....	....	1	....	1	....	....	1	....
Incision of Retropharyngeal Abscess	....	....	1	....	1	....	....	1	....

AURAL OPERATIONS.— *Concluded.*

Operations.	Admitted.			Discharged.					In Hospital Jan. 31, 1910.
	Right Ear.	Left Ear.	Both Ears.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Refracturing Nose	....	....	1	1	....	....	....	1	....
Scarifying Tongue	....	....	1	....	....	1	....	1	....
Turbinectomy	....	....	1	....	1	....	....	1	....
Totals	37	51	81	8	143	3	5	159	10

Males	82
Females	87
Total	169

Causes of Death.

Brain Abscess with Pyæmia	1
Delirium Tremens	1
Meningitis	2
Pneumonia	1
Total	5
Mortality from operations	–

DISEASES OF THE NERVOUS SYSTEM.

Cases Treated in Hospital from July 1, 1909, to January 31, 1910, Inclusive.

Diseases.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
I. Peripheral Nerves.										
a. Cranial Nerves:										
Neuralgia, trigeminal	1	....	1	....	....	1	....	....	1	....
Paralysis, facial	1	1	2	....	1	1	....	....	2	....
b. Spinal Nerves:										
Neuritis, alcoholic	6	2	8	1	3	1	....	1	6	2
" diphtheritic	1	....	1	....	1	....	....	....	1	....
" lead	1	....	1	....	1	....	....	....	1	....
" multiple	1	....	1	....	....	....	....	....	....	1
" with Pneumonia	1	....	1	....	....	....	....	1	1	....
II. Spinal Cord.										
Cervical Pachymeningitis	1	....	1	....	1	....	....	....	1	....
Anterior Poliomyelitis	4	3	7	....	4	1	1	1	7	....
Hæmatomyelia	....	1	1	....	....	....	....	....	....	1
Myelitis, acute	1	....	1	....	....	1	....	....	1	....
" transverse	....	1	1	....	....	1	....	....	1	....
Combined Sclerosis	....	1	1	....	1	....	....	....	1	....
Multiple Sclerosis	....	2	2	....	1	....	....	....	1	1
Tabes	4	4	8	....	7	....	....	1	8	....
Friedreich's Ataxia	....	1	1	....	1	....	....	....	1	....
Compression	1	....	1	....	....	1	....	....	1	....
Tumor	1	....	1	....	....	1	....	....	1	....
III. Brain.										
Cerebral Arteriosclerosis	2	....	2	....	2	....	....	....	2	....
" Contusions	2	2	4	1	1	....	....	2	4	....
" Embolism	3	....	3	....	2	....	....	....	2	1
" Hæmorrhage	13	10	23	1	2	1	....	17	21	2

DISEASES OF THE NERVOUS SYSTEM.—*Continued.*

Diseases.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Cerebral Œdema (alcoholic)	4	5	9	....	1	....	....	8	9	....
" Syphilis	6	....	6	....	5	....	....	....	5	1
" Thrombosis	18	13	31	....	13	3	....	13	29	2
Meningitis	1	1	2	....	....	....	....	2	2	....
Pachymeningitis	....	1	1	....	1	....	....	....	1	....
Extradural Hæmorrhage	2	....	2	....	1	....	....	1	2	....
Cerebellar Tumor	1	....	1	....	....	1	....	....	1	....
Cerebral Tumor	3	3	6	....	3	1	....	1	5	1
Thrombosis of Lateral Sinus	1	....	1	....	....	....	....	1	1	....
IV. Psychoses.										
Dementia Paralytica	4	....	4	....	1	1	....	1	3	1
" Præcox	1	1	2	....	....	1	....	1	2	....
" Senilis	4	2	6	....	....	5	....	....	5	1
Periodic Confusional State	....	1	1	....	1	....	....	....	1	....
Alcoholic Hallucinosis	1	3	4	....	2	1	....	1	4	....
Maniacal Depressive Insanity	1	....	1	....	1	....	....	....	1	....
V. Neuroses and Psycho-Neuroses.										
Cephalalgia	....	1	1	....	1	....	....	....	1	....
Chorea	4	2	6	2	4	....	....	....	6	....
Epilepsy	5	1	6	....	5	....	....	1	6	....
Hysteria	6	4	10	2	4	....	....	....	6	4
Narcolepsy	1	....	1	....	1	....	....	....	1	....
VI. Intoxications.										
Alcoholism, acute	17	6	23	14	6	....	....	2	22	1
" chronic	1	1	2	....	....	1	....	1	2	....
Diabetic Coma	1	....	1	....	....	....	....	1	1	....
Unclassified.										
Acute Glaucoma	....	1	1	....	....	1	....	....	1	....
Angina Pectoris	....	1	1	....	1	....	....	....	1	....
Cellulitis	1	....	1	....	....	1	....	....	1	....
Chronic Nephritis	1	3	4	....	1	....	....	1	2	2
Exophthalmic Goitre	....	1	1	....	....	....	....	1	1	....

DISEASES OF THE NERVOUS SYSTEM.—*Concluded.*

Diseases.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Gastric Ulcer	1	....	1	....	....	....	....	1	1	....
Hæmorrhoids	1	....	1	....	....	1	....	....	1	....
Infectious Arthritis	....	1	1	....	1	....	....	....	1	....
Mitral Disease	2	2	4	....	2	....	....	1	3	1
Myalgia	1	....	1	1	....	....	....	....	1	....
Pelvic Inflammation	....	1	1	1	....	....	....	....	1	....
Senile Gangrene	....	1	1	....	....	1	....	....	1	....
No disease	1	....	1	....	....	....	1	....	1	....
Totals	134	84	218	23	83	27	2	61	196	22

DISEASES OF THE SKIN.

Cases Treated in Hospital from July 1, 1909, to January 31, 1910, Inclusive.

Diseases.	Admitted.			Discharged.						In Hospital Jan. 31, 1910.
	Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Not Treated.	Died.	Total.	
Abscess	1	....	1	....	....	1	....	....	1	....
Dermatitis	1	3	4	....	3	....	....	....	3	1
" Calorica	....	1	1	....	1	....	....	....	1	....
" Exfoliativa	1	....	1	....	....	....	....	....	....	1
Eczema, acute	4	5	9	....	7	....	1	....	8	1
" chronic	1	2	3	....	3	....	....	....	3	....
Erythema Bullosa	1	....	1	....	1	....	....	....	1	....
" Nodosum	....	1	1	....	1	....	....	....	1	....
Furunculosis of Scalp	1	....	1	....	1	....	....	....	1	....
Gangrene of Skin	....	1	1	....	1	....	....	....	1	....
Herpes Zoster	2	....	2	....	2	....	....	....	2	....
Pityriasis	1	....	1	....	1	....	....	....	1	....
Pruritis, senile	1	....	1	....	1	....	....	....	1	....
Psoriasis with Duodenal Ulcer	1	....	1	....	....	....	....	1	1	....
Purpura Hæmorrhagica	....	1	1	....	1	....	....	....	1	....
Syphilis	2	....	2	....	2	....	....	....	2	....
" secondary	1	2	3	....	3	....	....	....	3	....
" tertiary	2	1	3	....	3	....	....	....	3	....
Ulcers	6	4	10	....	6	....	....	....	6	4
Varicose Ulcers	1	2	3	....	3	....	....	....	3	....
Varicose Ulcers and Eczema	1	2	3	1	2	....	....	....	3	....
Broncho-pneumonia	....	1	1	....	....	....	....	....	....	1
Totals	28	26	54	1	42	1	1	1	46	8

OUT-PATIENT DEPARTMENT.

MEDICAL.

IN CHARGE OF DRS. JOSLIN, ROBEY, LARRABEE, WHITE, LOCKE AND LIBBY.

From February 1, 1909, to January 31, 1910, Inclusive.

SPECIFIC INFECTIOUS DISEASES.

Typhoid Fever	22
Pneumonia	34
Parotitis, Epidemic	14
Pertussis	12
Erysipelas	13
Malarial Fever	12
Influenza	17
Gonorrhœal Infection	25
Syphilis	68
Cerebro-spinal Fever	1
Vaccinations	205
Other diseases of this class	29

CONSTITUTIONAL DISEASES.

Rachitis	7
Diabetes	2
Diabetes Mellitus	35
Obesity	14
Other diseases of this class	18

DISEASES OF THE RESPIRATORY SYSTEM.

Adenoids and Tonsils	55
Pharyngitis	60
Tonsillitis	104
Laryngitis	41
Coryza	28
Other diseases of this class	10

Of the Bronchi.

Bronchitis	318
Asthma	32
Bronchiectasis	1

Of the Lung.

Tuberculosis	264
Emphysema	14
Chronic Interstitial Pneumonia	10
New growths	1

Of the Pleura.

Pleurisy	131
Empyæma	2
Pleurodynia	4

DISEASES OF THE CIRCULATORY SYSTEM.

Of the Heart and its Membranes.

Pericarditis	5
Endocarditis	244
Myocardial Disease	68
Aneurism	2
Neuroses	8
Stokes-Adams Disease	1
Other diseases of this class	8

Of the Blood Vessels.

Arteriosclerosis	69
Aneurism, Thoracic	2
Phlebitis	3
Varicose Veins	20
Hæmangioma	1

DISEASES OF THE BLOOD AND DUCTLESS GLANDS.

Chlorosis	3
Pernicious Anæmia	1
Anæmia (secondary)	20
Purpura Simplex	2
Purpura Rheumatica	2
Purpura Hæmorrhagica	2
Leukæmia, myelogenous	1
Goitre	8
Exophthalmic Goitre	6
Erythrocythemia	1
Other diseases of this class	27

DISEASES OF THE DIGESTIVE ORGANS.

Alveolar Abscess	4
Stomatitis	18

Of the Œsophagus.

New growth	2

Of the Stomach.

Gastritis	74
Dilatation	2
Faulty Feeding	54
Ulcer	15
Cancer	8
Acute Dyspepsia	49
Hyperacidity	21
Subacidity	11
Other diseases of this class	41

Of the Intestines.

Catarrhal Enteritis	7
Diarrhœa	31
Habitual Constipation	378
Appendicitis	42
Other diseases of this class	98

Of the Liver, Bile-Ducts and Portal Vein.

Acute Catarrhal Angiocholitis	7
Cholecystitis	4
Gallstones	7
Chronic Interstitial Hepatitis,	40
New growth	1
Other diseases of this class	3

Of the Peritoneum.

Peritonitis	7
Tubercular Peritonitis	3
Other diseases	2

DISEASES OF THE URINARY SYSTEM.

Of the Kidney, Pelvis of Kidney and Bladder.

Nephritis	93
Tuberculosis	1
Hydronephrosis	1
Pyelitis, Chronic	4
Renal Calculus	3
New growth	1
Movable Kidney	7
Cystitis	4
Enuresis	27
Other diseases of this class	23

DISEASES OF THE JOINTS.

Arthritis	27
Atrophic Arthritis	14
Hypertrophic Arthritis	46
Infectious Arthritis	136
Other diseases of this class	53

DISEASES DUE TO ANIMAL PARASITES.

Tænia	12
Trichiniasis	1
Filariasis	2
Echinococcus Disease	1
Uncinaria	3

POISONS.

Alcohol	89
Lead	14
Opium Habit	1
Tobacco	1
Tea	1

MISCELLANEOUS.

Dog-bites	12
Debility	133
Enteroptosis	5
Senility	4
No disease	95
Eloped	15
No diagnosis	736
Diagnosis deferred	128
Diseases of Ear	21
Diseases of Eye	19
Gynæcological Diseases	187
Surgical diseases	80
Referred to other departments	18

DISEASES OF THE SKIN.

Dermatitis	11
Eczema	26
Herpes Zoster	17
Scabies	18
Erythema Nodosum	2
Pediculosis	22
Other diseases of the skin	38

DISEASES OF THE MUSCLES.

Injury (including strain)	16
Muscular Rheumatism	25
Lumbago	11

Myalgia	24
Other diseases	8

DISEASES OF THE PERIPHERAL NERVES.

Neuritis	14
Neuralgia	48
Multiple Neuritis	13
Angioneurotic Œdema	2
Raynaud's Disease	1
Other diseases	2

DISEASES OF THE SPINE.

Caries	1
Torsion	1
Other diseases	7

DISEASES OF THE SPINAL CORD.

Amyotrophic Lateral Sclerosis,	1
Tabes Dorsalis	13

DISEASES OF THE BRAIN.

General Cerebral Affections	8
Meningitis	1
Mental Affections	3
Dementia Præcox, Katatonic form	2
Feeble-minded	2
Idiocy	1
Nervous Depression	1

NEUROSES AND CONDITIONS WITHOUT RECOGNIZED PATHOLOGY.

Cephalalgia	10
Chorea	32
Eclampsia	2
Epilepsy	19
Hysteria	17
Migraine	14
Neurasthenia	73
Occupation Neuroses	3
Paralysis Agitans	1
Vertigo	3
Other diseases of this class	8
Total patients	5,575

OUT-PATIENT DEPARTMENT.

SURGICAL.

IN CHARGE OF DRS. FAULKNER, HUBBARD, CRANDON, SCANNELL, HOWE, CHEEVER, BINNEY, CUNNINGHAM AND WILSON.

From February 1, 1909, to January 31, 1910, Inclusive.

GENERAL INJURIES.

Contusions	123
Wounds	2,258

GENERAL DISEASES.

Anthrax	1
Gonorrhœal Septicæmia	2
Hydrophobia	4
Dog-bite	17
Tuberculosis	36
Syphilis	142
Parasitic diseases	49

SKIN.

Wounds	2,377
Burns	575
Frostbite	46
Painful Scars	40
Contracted Scars	30
Ulcer	564
Dermatitis	220
Furunculosis	516
Carbuncle	123
Erysipelas	20
Tuberculosis	21
Clavus	16
Verruca	40
Sebaceous Cysts	125
Keloid	5
Epidermoid Cancer	43
Rodent Ulcer	6
Sarcoma	8
Pilo-nidal Sinus	18
Nails:	
Paronychia	561
Ingrowing Toe Nail	243
Onychogryphosis	5

MUSCLES, TENDONS AND FASCIÆ.

Muscles:	
Wounds	21
Ruptures, Contusions, etc.,	229
New growths	1
Tendons:	
Division	43
Rupture	4
Teno-synovitis	155
Ganglion	66
Palmar Abscess	117
Tuberculosis of Tendon Sheaths	9
Dupuytren's Contraction	10
Trigger Finger	3
Hammer Toe	27

BURSÆ.

Bursitis	323

BONES AND JOINTS.

Fractures, Simple:	
Skull:	
Vault	3
Base	8
Facial Bones	23
Jaw	17
Nose	12
Vertebræ	8
Ribs	225
Sternum	3
Clavicle	167
Scapula	3
Humerus	193
Radius	411
Ulna	72
Both Bones, Forearm	86

Bones of Hand	248
Femur	24
Patella	23
Tibia	50
Fibula	68
Pott's Fracture	155
Both Bones of Leg	125
Bones of Foot	113
Fractures, Compound:	
Skull:	
Vault	3
Facial Bones	2
Jaw	3
Nose	13
Clavicle	1
Humerus	2
Radius	7
Both Bones, Forearm	6
Metacarpus	14
Phalanges	36
Femur	1
Tibia	8
Fibula	2
Pott's Fracture	2
Both Bones of Leg	15
Metatarsus	2
Phalanges	24
Fractures, Ununited:	
Humerus	1
Both Bones of Forearm	2
Tibia	1
Both Bones of Leg	4
Dislocations, Simple:	
Jaw	1
Vertebræ	1
Clavicle	12
Humerus	46
Elbow Joint	9
Bones of Hand	34
Ankle	2
Bones of Foot	4
Cartilage	18
Dislocations, Compound:	
Phalanges	11
Sprains	210
Contusions	101
Acute Synovitis	122
General diseases	70
Periostitis	22
Osteomyelitis	53
Suppurative Arthritis	2
Tuberculosis	40
Syphilis	26
Rheumatism	52
Chronic Arthritis	11
Anchylosis	12
Tumors	4
Congenital Defects of Bones,	20
Deformities	107
Other diseases	9

BLOOD SYSTEM.

Phlebitis	16
Aneurism	72
Varicose Veins	154
Gangrene	30
Angioma	6
Nævus	6

LYMPHATIC SYSTEM.

Lymphatic Vessels:	
Lymphangitis	199
Lymphangioma	1
Lymph Nodes:	
Noditis	162
Tuberculosis	42
Syphilis	7
Sarcoma	2
Spleen:	
Malaria	4

DUCTLESS GLANDS.

Thyroid Gland:	
Exophthalmic Goitre	10
Goitre	4

NERVOUS SYSTEM.

Brain:	
Contusion	7
Compression from Fracture	3
Compression from Extradural Hæmorrhage	1
Compression from Subdural Hæmorrhage	2
Syphilis	2
Hydrocephalus	4
Spastic Paralysis	10
Spinal Cord:	
Compression from Hæmorrhage	1

Spina-bifida	1
Infantile Paralysis	10
Peripheral Nerves:	
Injuries	51
Neuralgia	11

RESPIRATORY SYSTEM.

Nose:	
Wounds	93
Tumors	3
Hypertrophied Turbinate	1
Deviated Septum	3
Depressed Bridge	1
Antrum and Accessory Sinuses:	
Empyæma	1
Trachea:	
Wounds	3
Obstruction from Pressure,	1
Lungs:	
Wounds	1
Tuberculosis	15
Pleuræ:	
Pleuritis	36
Empyæma	66
Tuberculosis	15

DIGESTIVE SYSTEM.

Mouth:	
Wounds	84
Stomatitis	57
Gingivitis	14
Syphilis	15
Tumors	17
Deformities	15
Tonsil:	
Tonsillitis	44
Peritonsillar Abscess	9
Syphilis	1
Tuberculosis	1
Hypertrophy	37
Cancer	2
Parotid, Submaxillary and other Salivary Glands:	
Wounds	3
Salivary Fistula	1
Salivary Calculus	1
Parotitis	57
Ranula	5
Hyperplasia	1
Sarcoma	1
Tongue:	
Wounds	22
Sublingual Abscess	3
Epidermoid Cancer	19
Leukoplakia	2
Tongue-tie	7
Pharynx and Soft Palate:	
Pharyngitis	1
Retropharyngeal Abscess	2
Adenoids	32
Œsophagus:	
Foreign Bodies	2
Stricture	1
Stomach:	
Foreign Bodies	2
Ulcer	8
Pyloric Constriction	3
Dilated Stomach	1
Gastroptosis	3
Cancer	3
Intestine:	
Wounds	1
Ulcer	5
Fæcal Fistula	10
Tuberculosis	2
Foreign Bodies	20
Obstruction	14
Stricture	4
Cancer	11
Sarcoma	2
Appendix:	
Appendicitis	218
Mesentery:	
Tuberculosis	1
Rectum and Anus:	
Wounds	15
Fissures	104
Ischio-rectal Abscess	198
Fistula	167
Ulcer	3
Hæmorrhoids	482
Cancer	4
Stricture	1
Prolapse of Rectum	6
Liver:	
Subphrenic Abscess	2
Syphilis	1
Cancer	3
Cirrhosis	12

Gall Bladder and Ducts:	
Cholecystitis	45
Gallstones	16
Tumor of Ducts	2
Pancreas:	
Pancreatitis	1
Peritoneum:	
Peritonitis	5
Tubercular	15
Hernia:	
Inguinal	213
Femoral	9
Umbilical	34

URINARY SYSTEM, MALE AND FEMALE.

Bladder:	
Cystitis	35
Calculus	6
Ureters:	
Calculus	6
Stricture	1
Kidney:	
Contusions	29
Wounds	1
Pyelitis	24
Perinephritic Abscess	1
Hydronephrosis	5
Pyonephrosis	2
Calculus	5
Tuberculosis	7
Movable Kidney	18

GENITAL SYSTEM, MALE.

Penis:	
Adherent Prepuce	14
Herpes	14
Balanitis	18
Chancroid	110
Chancre	18
Venereal Warts	19
Phimosis	27
Paraphimosis	20
Hypospadias	3
Urethra:	
Hæmorrhage	2
Fistula	2
Urethritis	394
Periurethral Abscess	10
Stricture	108
Extravasation of Urine	1
Prostate:	
Prostatitis	31
Hypertrophy	21
Cancer	2
Testicles:	
Neuralgia	1
Tuberculosis	3
Gumma	2
Sarcoma	1
Undescended Testicle	2
Epididymitis	74
Cord and Vas Deferens:	
Hydrocele	15
Varicocele	5
Seminal Vesicles:	
Vesiculitis	9
Tunica Vaginalis:	
Hydrocele	20
Spermatocele	1
Other diseases	10

GENITAL SYSTEM, FEMALE.

Vulva:	
Wounds	2
Hæmatoma of Labia	3
Vulvitis	7
Abscess of Labia	1
Chancroid	6
Chancre	2
Hypertrophy	5
Venereal Warts	3
Urethral Caruncle	1
Vagina:	
Cystocele	2
Rectocele	2
Vaginitis	10
Cancer	5
Uterus:	
Endometritis	1
Subinvolution	3
Cancer	7
Anteflexion	1
Prolapse	4
Cervix Uteri:	
Lacerations	1
Cancer	6
Fallopian Tubes:	
Salpingitis	1

Ovaries:	
Cysts	2
Hydrocele of Canal of Nuck	3
Pelvis:	
Peritonitis	1
Pelvic Abscess	3

BREAST.

Abscess	12
Mastitis	5
Hæmatoma	1
Adeno-fibroma	4
Cancer	11

TUMORS NOT OTHERWISE CLASSIFIED.

Fibroma	1
Lipoma	23
Osteoma	1
Carcinoma	5
Sarcoma	1
Mixed tumors	3

UNCLASSIFIED.

Tabes Dorsalis	3
Foreign Bodies	73
Shock	2
Medical diseases	59
Transferred to other departments	371
Malingering	2
Eloped	66
No disease	31
No diagnosis	10
Total diseases	17,449

OUT-PATIENT DEPARTMENT.

DISEASES OF THE EYE.

IN CHARGE OF DRS. BOSSIDY, WILLIAMS AND GREENWOOD.

From February 1, 1909, to January 31, 1910, Inclusive.

CONJUNCTIVA.

Conjunctivitis, Acute	281
" Chronic	64
" Catarrhal	4
" Follicular	17
" Phlyctenular	28
" Blenorrhœal	1
" Purulent	3
" Traumatic	16
Abrasion	1
Burns	1
Ecchymosis	8
Foreign Body	10
Hyperæmia	2
Melanotic Sarcoma	1
Œdema	1
Pinguecula	1
Pterygium	4
Sub-conjunctival Hæmorrhage	11
Trachoma	5

CORNEA AND SCLEROTICA.

Keratitis	24
" Interstitial	6
" Phlyctenular	43
" Marginal	6
" Punctate	3
" Traumatic	3
" Tubercular	2
" Ulcerative	29
Abrasion	4
Adherent Leucoma	10
Staphyloma	3
Burns	2
Episcleritis	6
Hypopion Keratitis	3
Kerato-Iritis	4
Foreign Body	109
Opacity	14
Keratomalacia	1
Nebula of Cornea	2
Macula of Cornea	14
Ulcer of Cornea	10
Powder in Cornea	1
Pigmented Sclera	1
Pannus	1
Wounds	4
" perforating	2
Scleritis	1

VITREOUS.

Floating Opacities	4
Hyalitis	2

LENS.

Cataract	9
" Incipient	42
" Senile	4
" Capsular	1
" Hypermature	1
" Immature	1
" Nuclear	1
" Posterior Cortical	1
" Posterior Polar	1
" Traumatic	1
Aphakia	3
Dislocation	1
Sclerotic	1

GLOBE.

Buphthalmos	1
Hyphæmia	1
Injury	16
Phthisis Bulbi	1
Rupture	1

REFRACTION AND ACCOMMODATION.

Astigmatism, Simple Myopic,	24
" Compound Myopic	50
" Simple Hypermetropic	93
" Compound Hypermetropic,	358
" Mixed	56
Myopia	70
Hypermetropia	298
Presbyopia	197
Emmetropia	9
Unclassified refractive errors,	11

LACHRYMAL APPARATUS.

Dacryocystitis	12
Epiphora	8
Lachrymal Obstruction	9
Stenosis of Duct	2
Mucocele	5

LIDS.

Blepharitis	91
" Ulcerative	4
" Ciliary	2
" Marginalis	25
Abscess	9
Contusion	1
Chalazion	47
Ecchymosis	14
Eczema	3
Burns	13
Ectropion	5
Excoriation	1
Entropion	5
Chemosis	1
Distichiasis	1
Hordeolum	11
Granulation Tumor	1
Infection	2
Injury	2
Œdema	4
Trichiasis	7
Tumor	4
Wen	1
Wounds	6
Xanthelasma	1

ORBIT.

Cellulitis	1
Injury	1

NERVES AND MUSCLES.

Strabismus, Convergent	38
" Divergent	5
Nystagmus	6
Amblyopia	2
Ptosis	6
Blepharospasm	1
Hemianopsia	1
Facial Paralysis	2
Spasm of Orbicularis	1
Paresis of External Rectus Muscle	2

IRIS, CILIARY BODY AND CHOROID.

Iritis	15
" Chronic	1
" Syphilitic	2
Iris Bombé	1
Blocked Pupil	2
Coloboma of Iris	4
Iritic Deposits	1
Glaucoma	4
" Chronic	1
Choroiditis	3
" Senile	1
Choroido-retinitis	2
Choroido-retinitis with Hyalitis	1
Uveitis	1
Anterior Synechiæ	1
Mydriasis	1

RETINA AND OPTIC NERVE.

Retinitis	2
" Albuminuric	2
" Granulosa	1
" Proliferans	1
" with Subhyaloid Hæmorrhage	1
Separation of Retina	1
Retinal Hæmorrhage	1
Neuro-retinitis	2
Atrophy of Optic Nerve	10
Physiological Cupping of Disc	3

Amblyopia	6
" Toxic	1
Thrombosis of Superior Temporal Vein	1
Hyperæmia	1
Choked Disc	1
Arteriosclerosis	4
Obstruction of Central Artery	2

UNCLASSIFIED.

Dermatitis Venenata	2
Erysipelas	1
Facial Tic	1
Lymphangiectasis	1
Neuralgia Trigeminalis	1
Tabes	1
Vertigo	1
No disease	41
No diagnosis	14
Diagnosis deferred	4
Refused treatment	236
Rejected	5
Nonresident	13
Referred to:	
Ear O. P. Dept	2
Medical O. P. Dept	5
Surgical O. P. Dept	1
Throat O. P. Dept	2
Skin O. P. Dept	1
Other institutions	12
Total diseases	2,814
Less patients counted more than once	179
Total patients	2,635

OUT-PATIENT DEPARTMENT.

DISEASES OF THE SKIN.

IN CHARGE OF DRS. KEANY, PERRY AND THORNDIKE.

From February 1, 1909, to January 31, 1910, Inclusive.

Abscess	1
Acne	87
" Pustulosa	1
" Rosacea	2
" Vulgaris	2
Adenitis	1
Alopecia	17
Alopecia Areata	6
Bubo	1
Callositas	3
Cellulitis	2
Chancroid Vulvæ	1
Comedones	1
Dermatitis	102
" Calorica	5
" Medicamentosa	4
" Venenata	17
Ecchymosis	1
Eczema	404
" Madidans	1
Epithelioma	6
Erythema	25
" Bullosa	1
" Gangrenosa	1
" Multiforme	4
" Nodosa	1
" Solaris	2
Erysipelas	5
Excoriations	1
Folliculitis	7
Furunculosis	9
Hæmorrhoids	1
Herpes, Simplex	11
" Genitalia	1
" Labialis	1
" Preputialis	1
" Zoster	15
Hyperidrosis	1
Ichthyosis	3
Impetigo	9
" Contagiosa	56
Keloid	1
Keratosis Senilis	3
Lipoma	2
Lupus	3
" Erythematosus	3
Measles	3
Miliaria	2
Milium	1
Nævus	4
Paronychia	2
Pediculosis	43
" Capitis	28
" Pubis	3
Pityriasis	4
" Rosea	5
Pruritis	14
Psoriasis	41
Pruritis Senilis	2
Purpura	3
" Hæmorrhagica	1
Ringworm	11
Rosacea	2
Scabies	166
Scleroderma	2
Seborrhœa	23
Septic Hand	1
Staphylococcia	100
Sycosis	5
Syphilis	74
Tinea	8
" Capitis	6
" Corporis	1
" Tonsurans	11
" Trichophytina	1
" Versicolor	5

Tonsillitis	1
Ulcer	14
" Varicose	6
Urticaria	18
Vaccinia	3
Varicella	11
Verruca	24
Vitiligo	2
No disease of skin	25
No diagnosis	14
Diagnosis deferred	33
Not treated	11

Referred to:	
Medical O. P. Dept	5
Surgical O. P. Dept	8
Gynæcological O. P. Dept.,	2
Throat O. P. Dept	1
House	9
Total diseases	1,591
Less patients counted more than once	14
Total patients	1,577

OUT-PATIENT DEPARTMENT.

DISEASES OF THE NERVOUS SYSTEM.

IN CHARGE OF DRS. PRINCE, KNAPP, THOMAS, FAIRBANKS AND CORIAT.

From February 1, 1909, to January 31, 1910, Inclusive.

I. PERIPHERAL NERVES.

Acroparæsthesia	1
Herpes Zoster	4
Neuralgia, Brachial	3
" Cervico-occipital	2
" Facial	2
" Inferior Dental	1
" Intercostal	1
" Occipital	1
" Sciatic	7
" Supra-orbital	1
" Trigeminal	10
Neuritis	12
" Alcoholic	9
" Brachial	8
" Median	2
" Optic	2
" Peripheral	6
" Peroneal	1
" Post-diphtheritic	2
" Radial	1
" Traumatic	1
" Ulnar	4
Paralysis, Anterior-tibial	1
" Brachial	16
" Circumflex	4
" Deltoid	1
" Facial	11
" Lead	1
" Median	4
" Musculo-spiral	1
" Obstetrical	4
" Oculo-motor	1
" Post-diphtheritic	1
" Radial	20
" Spinal Accessory	1
" Ulnar	8
Paræsthesia	4
Sciatica	2

II. SPINAL CORD AND SPINE.

(a.) *Spine.*

Caries	1
Dislocated Cervical Vertebra,	1
Fracture	1
Scoliosis	2

(b.) *Spinal Cord.*

Anterior Poliomyelitis	24
Injury to Cauda Equina	1
Lateral Sclerosis	4
Multiple Sclerosis	5
Myelitis	2
Progressive Muscular Atrophy	1
Senile Paraplegia	2
Spinal Syphilis	3
Tabes Dorsalis	26
Tumor	1
Friedreich's Ataxia	1

III. BRAIN.

Arteriosclerosis	7
Concussion	5
Contusion	1
Cerebral Infantile Paralysis,	2
Embolism	1
Fracture of Skull	1
General Paralysis	7
Hæmorrhage	3
Hemiplegia	15
Hydrocephalus	2
Post-meningeal Cortical Irritation	1
Syphilis	7
Thrombosis	8
Tumor	5

IV. NEUROSES AND PSYCHO-NEUROSES.

Association Neuroses	2
Cephalalgia	12
Chorea	40
Epilepsy	52
Essential Tremor	2

Facial Tic	1
Fear Neuroses	4
Habit Spasm	3
Hysteria	28
Insomnia	9
Migraine	3
Nervous Irritability	5
Neurasthenia	99
Neurasthenia, Sexual	1
Nocturnal Palsy	1
Occupation Neuroses	14
Paralysis Agitans	5
Psychasthenia	15
Torticollis	1
Traumatic Neuroses	1
Tremor	5

V. PSYCHOSES.

Alcoholic Psychosis	4
Dementia	1
Dementia Præcox	5
Feeble-mindedness	7
Hallucinosis	1
Hypochondriasis	1
Paranoia	1

VI. TROPHIC AND VASO-MOTOR NEUROSES.

Raynaud's Disease	2
Vasomotor Neuroses	2

VII. INTOXICATIONS.

Alcohol	6
Tea	1

VIII. UNCLASSIFIED.

Abscess of Thumb	1
Adenoids	2
Anæmia	4
Arteriosclerosis	9
Arthritis	15
Arthritis Sacroiliac	2
Bursitis	1
Chlorosis	1
Chondro-dystrophy	1
Constipation	3
Deafness	1
Debility	3
Diabetes	1
Endarteritis	1
Enuresis	1
Eye Strain	2
Flat-foot	4
Fracture, Colles	1
" Pelvis	1
" Skull	1
Hiccoughs	1
Hip Joint Disease	3
Indigestion	2
Injury to Tendon	1
Irritable Cicatrix	1
Juvenile Delinquency	1
Lacerated Sphincter Ani	1
Mitral Disease	3
Myositis	2
Nasal Catarrh	1
Nephritis	2
Periarthritis	3
Periostitis	2
Phthisis	2
Pleurisy	1
Pruritis Vulvæ	1
Rheumatism	18
Scleroderma	1
Speech Defect	2
Stammering	1
Syphilis	3
Tænia	1
Tenosynovitis	1
Tonsils and Adenoids	1
Uterine	1
Vertigo	1
Vestibular Disturbance	1
Diagnosis deferred	14
No disease	3
No diagnosis	9
Not treated	6
Referred to:	
Medical O. P. Dept	2
Surgical O. P. Dept	1
Ophthalmic O. P. Dept	1
Aural O. P. Dept	1
Skin O. P. Dept	2
Other departments	2
Total diseases	789
Less patients counted more than once	24
Total patients	765

OUT-PATIENT DEPARTMENT.

DISEASES OF THE THROAT.

IN CHARGE OF DRS. DEBLOIS, COFFIN, VOGEL AND BLODGETT.

From February 1, 1909, to January 31, 1910, Inclusive.

NOSE.

Rhinitis, Acute	32
" Sub-acute	5
" Chronic	51
" Atrophic	43
" Hypertrophic	61
" Pseudo-atrophic	3
" Purulent	3
" Sicca	2
" Specific	1
" Ulcerative	1
" Vasomotor	14
Ozena	1
Septum, Abscess	4
" Deviation	170
" Dislocation	2
" Elongation	2
" Erosion	10
" Exostoses	83
" Fracture	2
" Necrosis	1
" Perforation	2
" Ridge	8
" Rigid	1
" Thickening	11
" Ulceration	1
Accessory Sinus Disease	2
Chronic Catarrh	1
Contusion of Nose	1
Dislocation of Cartilage	7
Eczema	13
Empyæma of Antrum	4
Epistaxis	46
Ethmoiditis	1
Alæ Nasi, Abscess	2
" Eczema	3
" Fissure	1
" Furuncle	3
" Inflammation	2
Foreign Body	7
Fracture of Nasal Bones	23
Hay Fever	3
Herpes	1
Lupus	1
Malignant Disease	1
Nasal Obstruction	3
Osmia	1
Papilloma	1
Polypi	21
Sarcoma of Nostril	1
Sinusitis, Acute	18
" Ethmoid	1
" Frontal	3
Synechiæ	1
Tuberculosis of Nostril	1
Turbinates, Cystic	1
" Hypertrophy	64
" Papilloma	1
" Polypoid Degeneration	2
Ulceration	2
Verruca	1
Erosion of Vessels of Kisselbach	1

NASO-PHARYNX.

Adenoids	1,200
Adenoids and Tonsils	73
Naso-pharyngitis, Acute	86
" Chronic	51

MOUTH, TONGUE AND PHARYNX.

Buccal Syphilis	11
Faucitis	1
Gingivitis	1
Herpes of Mouth	1
Leucoplakia	1
Stomatitis	10

Stomatitis, Syphilitic	2
Ulcer of Mouth	1
Carcinoma of Tongue	4
Fissure of Tongue	1
Folliculitis of Tongue	1
Glossitis	3
Infiltration of Tongue	1
Lingual Varix	3
" " Suppurating	1
Papilloma of Tongue	1
Ranula, Single	2
" Double	2
Tongue-tie	1
Ulcer of Tongue	4
Abscess of Pharyngeal Wall	1
Œdema of Pharynx	1
Pharyngitis, Acute	50
" Anæmic	1
" Atrophic	7
" Sub-acute	26
" Chronic	17
" Follicular	10
" Chronic Follicular,	4
" Hypertrophic	4
" Lateral	3
" Rheumatic	4
" Sicca	5
" Syphilitic	2
" Tubercular	1
Pharyngomycosis	3
Retropharyngeal Abscess	5
Palate, Abrasion	1
" Abscess	1
" Cleft	2
" Papilloma	1
" Perforation	1
Soft Palate, Herpes	1
" Hypertrophy	1
" Papilloma	1
" Paralysis	1
" Relaxed	1
Tonsillitis, Acute	25
" Sub-acute	23
" Chronic	10
" Follicular	28
" Chronic Follicular	2
" Rheumatic	2
" Chronic Hypertrophic	3
" Necrotic	1
Tonsillitis, Specific	3
" Ulcerative	1
Tonsillar Crypts	2
Cyst of Tonsil	2
Foreign Body in Tonsil	1
Hypertrophied Tonsils	1,087
Lingual Tonsil	3
Hypertrophied Lingual Tonsil	20
Papilloma of Tonsil	1
Tuberculosis of Tonsil	1
Ulceration of Tonsil	2
Peritonsillar Abscess	32
Foreign Body in Throat	1
Secondary Mucous Patches	5
Uvula, Bifid	2
" Displaced	1
" Elongated	6
" Hypertrophied	1
" Œdematous	2
" Papilloma	1
" Specific Ulcer	3
Uvulitis, Acute	2
Diphtheria	2
Post-diphtheritic Paralysis	1
Tuberculosis of Throat	1

LARYNX.

Laryngitis, Acute	23
" Catarrhal	2
" Chronic	18
" Sub-acute	32
" Rheumatic	1
" Syphilitic	1
" Tubercular	4
Hysterical Aphonia	1
Adductor Paralysis	2
Unilateral Paralysis	1
Relaxed Vocal Cords	2
Inflammation of Vocal Cords,	1
Ulcer of Vocal Cords	1
Paralysis of Right Velum	1
Interarytenoid Thickening	1
Defective Speech	1
Foreign Body	1
Adherent Frenum	1
Tracheitis	1

UNCLASSIFIED.

Abscess of Neck	1
Adenitis	21

Adenitis, Cervical	6
" Specific	2
Acne Vulgaris	1
Anæmia	6
Cancer	1
Cellulitis	1
Chancre of Lip	1
Chorea	1
Debility	1
Enlarged Post-auricular Gland	1
Erysipelas	1
Furunculosis	1
Globus Hystericus	1
Goitre	2
Herpes Facialis	1
Lupus	1
Parotitis	3
Periostitis of Jaw	1
Pertussis	1
Sarcoma	1
Scarlet Fever	2
Syphilis	13
Tuberculosis	1
Ulcerated Tooth	1

Non-resident	2
Eloped	2
No disease	38
No diagnosis	30
Not treated	7
Refused treatment	15
Refused examination	7
Referred to:	
X-Ray Dept	4
South Dept	19
House	12
Ear O. P. Dept	36
Eye O. P. Dept	8
Medical Dept	49
Surgical Dept	29
Nervous Dept	7
Skin Dept	7
Other institutions	37
Total diseases	4,130
Less patients counted more than once	875
Total patients	3,255

OUT-PATIENT DEPARTMENT.

DISEASES OF THE EAR.

IN CHARGE OF DRS. LELAND, HOLMES AND BORDEN.

From February 1, 1909, to January 31, 1910, Inclusive.

AURICLE.

Inflammation:	
Dermatitis	1
Eczema	6
Cicatrix with Adhesion	1
Contusion of Tragus	1
Hæmatoma	1
Injury	1
Œdema	2
Tragus in contact with Posterior Wall	1

MEATUS.

Accumulated Cerumen	200
Exostosis	1
Foreign Bodies	8
Inflammation:	
Acute Circumscribed	18
Acute Diffuse	8
Dermatitis	1
Eczema	6
Furunculosis	9
Ulceration	1
Keratosis	1
Necrosis	1
Polyp	6

TYMPANIC MEMBRANE.

Atrophy	1
Cicatrix	2
Otosclerosis	1
Retracted Membrane	7
Thickened Membrane	1
Traumatism	4

MIDDLE EAR.

Inflammation:	
Catarrhal Secreting:	
Serous:	
Acute	39
Acute, with Perforation	3
Chronic	55
" with Perforation	4
Catarrhal Adhesive:	
Insidious	12
Chronic Catarrhal	226
with Adhesion	9
" Perforation	2
Sub-acute Catarrhal	1
Simple, Acute	75
" " with Perforation	45
Suppurative:	
Acute	14
With Perforation	2
Chronic	149
With Acute Exacerbation	14
" Caries	1
" Perforation	6
Effect of Chronic Serous Otitis Media	4
Effect of Chronic Suppurative Otitis Media	44
Effect of Suppurative Otitis Media	59
Fixation of Stapes	1
Tubal Stenosis	5

MASTOID.

Mastoiditis, Acute	33
" Secondary	1
" Traumatic	1
Mastoid Caries	1
Post-mastoid Sinus	21
Result of Mastoid Operation,	5

LABYRINTH.

Concussion	1

Anterior Nasal Cavities.

Inflammation:	
Rhinitis, Acute	2
" Atrophic	5
" Hypertrophic	3
" Purulent	4
Dislocated Anterior Cartilage,	1
Dislocated Nasal Bones	2
Epistaxis	11
Foreign Bodies	3
Fracture of Nose	8
Infected Hair Follicle	1
Septum:	
Abscess	3
Deviation	40
Erosion	2
Exostosis	9
Specific Disease	1
Split Cartilage	1
Post-operative	1
Polypi	3
Cystic Turbinate	1
Hypertrophied Turbinates	14
Polypoid Degeneration of Turbinate	1

Naso-Pharynx.

Adenoids	309
Nasopharyngitis	1

Accessory Sinuses.

Inflammation:	
Antrum of Highmore	5
Ethmoiditis, Acute	5
" Chronic	2
Frontal Sinusitis, Acute	7
" " Chronic	3
Multiple Sinusitis	2

Pharynx.

Pharyngitis, Atrophic	1
" Chronic	1
" Syphilitic	1
Foreign Bodies	3
Foreign Body in Œsophagus	1

Larynx.

Laryngitis, Tubercular	1

Tonsils.

Inflammation:	
Acute	1
Acute Follicular	5
Acute Septic	2
Chronic Follicular	1
Hypertrophic	167
Tonsillar Abscess	1
Foreign Body	1
Lingual Tonsil	2
Peritonsillar Abscess	4

Neuroses.

Reflex Otalgia	12
Tympanic Chorea	1

Unclassified.

Abscess, Alveolar	1
Adenitis, Cervical	1
Anæmia	1
Deaf Mutes	4
Erysipelas	1
Fracture, Base of Skull	2
Méniere's Disease	1
Palsy, Bell's	2
Parotitis	2
Ranula	1
No Ear Disease	25
Diagnosis deferred	2
No diagnosis	10
Refused treatment	17
Non-resident	3
Eloped	5
Referred to other departments	32
Referred to other institutions,	13
Total diseases	1,901
Less patients counted more than once	533
Total patients	1,368

OUT-PATIENT DEPARTMENT.

DISEASES OF WOMEN.

IN CHARGE OF DRS. GREEN, NEWELL, YOUNG AND FRIEDMAN.

From February 1, 1909, to January 31, 1910, Inclusive.

DISEASES OF THE VULVA.

Abscess, Vulvo-vaginal	12
Carcinoma of Vulva	2
Chancroids	6
Condylomata	3
Hypertrophy of Labia Majora	1
Pruritis	5

DISEASES OF THE VAGINA.

Atresia of Vagina,	1
Fistula, Recto-vaginal	2
" Vesico-vaginal	2
Vaginitis, Simple	3
" Gonorrhœal	8

DISEASES OF THE UTERUS.

(*a.*) Developmental:	
Rudimentary Uterus,	4
(*b.*) Inflammatory:	
Endocervicitis	16
Endometritis	44
Erosion of Cervix	2
(*c.*) New Growths:	
Fibroid	22
Carcinoma of Cervix	2
Carcinoma of Fundus,	9
Malignant Disease	7
Cervical Cysts	1
Cervical Polypus	5
Uterine Polypus	2
(*d.*) Displacements:	
Anteflexion of cervix,	1
Anteflexion of corpus,	17
Retroversion	83
Retroversion with Adhesions	4
Retroflexion	8
Retrocession	5
Prolapse	3
Procidentia	8
(*e.*) Unclassified:	
Laceration, Cervix	32
Laceration, Cervix and Perineum	32
Subinvolution	9

DISEASES OF THE UTERINE APPENDAGES.

Pelvic Abscess	2
" Congestion	5
" Inflammation	42
Salpingitis	55
Ovarian Cyst	8
Prolapsed Ovary	6
Prolapsed Appendages	1
Adenocystoma of Ovary	1
Short Utero-sacral Ligament,	1

DISEASES OF THE URINARY ORGANS.

Cystocele	12
Cystocele and Rectocele	9
Rectocele	4
Cystitis	4
Urethritis	4
Incontinence of Urine	1
Urethral Caruncle	2
Pyelitis	1
Weak Sphincter of Bladder	1

PREGNANCY, PARTURITION AND PUERPERIUM.

Pregnancy	93
Ectopic Gestation	5
Miscarriage	8
Incomplete Miscarriage	17
Threatened Miscarriage	3
After Miscarriage	2

Placenta Prævia	1
Laceration of Cervix	10
Laceration of Perineum	4

FUNCTIONAL DISEASES.

Amenorrhœa	5
Dysmenorrhœa	7
Leucorrhœa	1
Menopause	15
Menorrhagia	2
Menstruation	1
Metrorrhagia	7

UNCLASSIFIED.

After Hysterectomy	2
" Laparotomy	23
" Trachelorrhaphy	1
" Vaginal Section	4
Adenitis, Inguinal	1
Alcoholism	1
Appendicitis	5
Apprehension	1
Arthritis of Hip	1
Constipation	45
Cysts of Breast	1
Debility	24
Dermoid Cyst	1
Fissure in Ano	3
Gonorrhœa	23
Hæmorrhoids	4
Hernia, Femoral	1
" Inguinal	4
" Umbilical	1
Hernia, Ventral	5
Measles	1
Morphinism	1
Neurasthenia	9
Obesity	3
Papilloma of Anus	1
Post–operative	15
Sterility	18
Syphilis	8
Tuberculosis	4
No gynæcological disease	55
Not treated	15
Not examined	2
Refused examination	23
Examination unsatisfactory without ether	34
Eloped	5
Diagnosis deferred	33
Referred to:	
Surgical O. P. Dept.	10
Medical O. P. Dept	21
Skin O. P. Dept	6
Nervous O. P. Dept	4
Throat O. P. Dept	2
House	158
Lying-In Hospital	22
Other institutions	9
Total diseases	1,311
Less patients counted more than once	299
Total patients	1,012

SOUTH DEPARTMENT.

IN CHARGE OF DR. J. H. MCCOLLOM, MEDICAL DIRECTOR.

From February 1, 1909, to January 31, 1910, Inclusive.

DISEASES.	In Hospital Feb. 1, 1909.	ADMITTED.			DISCHARGED.					In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Diphtheria	160	675	717	1,392	1,338	....	....	113	1,451	101
Rubeola	19	112	108	220	183	....	....	25	208	31
Scarlatina	197	462	499	961	932	....	....	50	982	176
Diphtheria and Abscess, peritonsillar	....	1	.....	1	1	....	....	....	1	....
Diphtheria and Chorea	1	.....	.....	.....	1	....	....	....	1	....
Diphtheria and Carcinoma	....	.....	1	1	*1	....	....	....	1	....
Diphtheria and Diabetes	....	.....	1	1	.....	....	....	....	.....	1
Diphtheria and Erysipelas	....	.....	1	1	1	....	....	....	1	....
Diphtheria and Nephritis	1	.....	.....	.....	1	....	....	....	1	....
Diphtheria and Parotitis	....	.....	1	1	1	....	....	....	1	....
Diphtheria and Pertussis	2	6	8	14	15	....	....	....	15	1
Diphtheria and Pneumonia	....	9	1	10	4	....	....	6	10	....
Diphtheria, Pertussis and Pneumonia	....	1	.....	1	.....	....	....	1	1	....
Diphtheria and Rubeola	1	.....	4	4	2	....	....	2	4	1
Diphtheria and Scarlatina	....	7	8	15	12	....	....	2	14	1
Diphtheria and Syphilis	....	.....	1	1	.....	....	....	....	.....	1
Diphtheria and Tubercular Glands	....	.....	1	1	*1	....	....	....	1	....
Diphtheria and Typhoid Fever	....	1	.....	1	1	....	....	....	1	....
Diphtheria and Varicella	2	1	.....	1	3	....	....	....	3	....
Rubeola and Blepharitis	....	.....	1	1	1	....	....	....	1	....
Rubeola and Bronchopneumonia	....	3	9	12	2	....	....	9	11	1
Rubeola and Enteritis	....	1	.....	1	1	....	....	....	1	....
Rubeola and Fractured Femur	....	1	.....	1	1	....	....	....	1	....
Rubeola and Ileocolitis	....	1	.....	1	.....	....	....	1	1	....
Rubeola and Keratitis	....	1	.....	1	1	....	....	....	1	....
Rubeola and Mastoiditis	....	2	1	3	3	....	....	....	3	....
Rubeola and Nephritis	....	.....	1	1	1	....	....	....	1	....

* Well of diphtheria.

SOUTH DEPARTMENT.—*Continued.*

Diseases.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.					In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Rubeola and Pertussis	....	5	2	7	5	....	....	2	7	....
Rubeola and Scarlatina	....	2	2	4	4	....	....	....	4	....
Rubeola and Tubercular Sinuses	....	.....	1	1	*1	....	....	....	1	....
Rubeola and Varicella	....	.....	3	3	3	....	....	....	3	....
Scarlatina and Abscess	....	1	.....	1	1	....	....	....	1	....
Scarlatina and Arthritis	....	1	.....	1	1	....	....	....	1	....
Scarlatina and Burns	....	.....	1	1	.....	....	....	....	.....	1
Scarlatina and Endocarditis	....	.....	1	1	1	....	....	....	1	....
Scarlatina and Miscarriage	....	.....	1	1	.....	....	....	1	1	....
Scarlatina and Mitral Regurgitation	1	.....	.....	.....	1	....	....	....	1	....
Scarlatina and Nephritis	....	.....	1	1	1	....	....	....	1	....
Scarlatina and Otitis Media	....	.....	1	1	.....	....	....	....	.....	1
Scarlatina and Pertussis	9	3	.....	3	12	....	....	....	12	....
Scarlatina and Pneumonia	....	1	.....	1	.....	....	....	1	1	....
Scarlatina and Septic Joint	....	.....	1	1	1	....	....	....	1	....
Scarlatina and Tonsillitis	1	.....	.....	.....	1	....	....	....	1	....
Scarlatina and Varicella	4	4	1	5	9	....	....	....	9	....
Abscess Peritonsillar	....	2	2	4	4	....	....	....	4	....
Bronchopneumonia	....	.....	1	1	.....	....	....	1	1	....
Cervical Adenitis	1	.....	.....	.....	1	....	....	....	1	....
Croup, spasmodic	....	1	.....	1	1	....	....	....	1	....
Meningitis	....	.....	1	1	.....	....	....	1	1	....
Parotitis	....	.....	3	3	3	....	....	....	3	....
Pharyngitis	....	.....	1	1	1	....	....	....	1	....
Pharyngitis and Tonsillitis	....	1	.....	1	1	....	....	....	1	....
Positive Cultures	....	1	2	3	3	....	....	....	3	....
Rubella	....	.....	1	1	1	....	....	....	1	....
Stillborn	....	.....	1	1	.....	....	....	1	1	....
Tonsillitis	....	11	1	12	12	....	....	....	12	....
Vincent's Angina	....	3	3	6	6	....	....	....	6	....
No disease	....	.....	2	2	2	....	....	....	2	....
Observation	....	3	5	8	8	....	....	....	8	....
Totals	399	1,323	1,401	2,724	2,591	....	....	216	2,807	316

* Well of rubeola.

SOUTH DEPARTMENT.— *Concluded.*

Operations.	In Hospital Feb. 1, 1909.	Admitted.			Discharged.					In Hospital Jan. 31, 1910.
		Males.	Females.	Total.	Well.	Relieved.	Not Relieved.	Died.	Total.	
Empyema	....	1	3	4	1	1	....	*2	4	....
Intubation	23	113	85	198	159	....	....	†34	193	28
Laparotomy (appendicitis)	....	1	.....	1	1	....	....	....	1	....
Laparotomy (intestinal obstruction)	....	.....	1	1	.....	1	....	....	1	....
Mastoid	....	13	8	21	19	....	....	‡1	20	1
Tonsillotomy	....	1	1	2	2	....	....	....	2	....
Tracheotomy	....	9	2	11	3	....	....	§8	11	....
Totals	23	138	100	238	185	2	....	45	232	29

* Cause of Death:
Sepsis.

† Cause of Death:

Bronchopneumonia	28
Myocarditis	4
Sepsis	2
Total	34

‡ Cause of Death:
Scarlatina.

§ Cause of Death:

Extension of Membrane	5
Bronchopneumonia	2
Sepsis	1
Total	8

HAYMARKET SQUARE RELIEF STATION.

SURGICAL OPERATIONS.

From February 1, 1909, to January 31, 1910, Inclusive.

Operations.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1910.	Total.	Remarks.
Amputations:										
Major	4	....	4	....	....	1	3	....	4	Tetanus, 2 days. Shock and Hæmorrhage, 16 hours. Shock and Hæmorrhage, 16 hours.
Minor	5	....	5	2	....	3	....	....	5	
Genito-Urinary:										
Rupture of Bladder	2	....	2	....	....	....	2	....	2	Septicæmia, 5 days. Septicæmia, 8 days.
Rupture of Kidney	2	....	2	....	....	2	....	....	2	
Gynæcology:										
Curettage	....	8	8	5	....	2	....	1	8	
Herniotomy	4	1	5	....	....	4	1	....	5	Shock, 1 hour.
Incisions	4	1	5	2	....	2	1	....	5	Septicæmia, 3 days.
Intubation	....	1	1	....	....	....	1	....	1	Toxæmia, 30 hours.
Laparotomy	14	3	17	2	....	9	5	1	17	General Peritonitis, 5 days. General Peritonitis, 52 hours. Exhaustion, 1 week. Shock and Hæmorrhage, 1 day. Shock and Hæmorrhage, 6 days.
Reductions:										
Dislocations, simple	1	1	2	....	....	2	....	....	2	
" compound	1	....	1	1	....	....	....	....	1	
Fractures, Compound:										
Upper Extremity	8	....	8	3	....	5	....	....	8	
Lower Extremity	17	....	17	1	....	14	1	1	17	Septicæmia, 2 days.
Repair	11	....	11	6	....	5	....	....	11	
Suture	9	1	10	8	....	2	....	....	10	
Thoracotomy	3	....	3	1	....	....	2	....	3	Shock and Hæmorrhage, 1 day. Empyæma and Hæmorrhage, 6 days.

HAYMARKET SQUARE RELIEF STATION.—*Concluded.*

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	In Hospital Jan. 31, 1910.	Total.	REMARKS.
Tracheotomy	1	....	1	....	....	....	1	....	1	Carbolic Acid Poisoning and Pneumonia, 2 days.
Transfusion	2	....	2	2	....	....	....	....	2	
Trephine	13	....	13	....	....	5	8	....	13	Shock, 1 hour. Laceration of Brain, 5 hours. Laceration of Brain, 1 hour. Laceration of Brain, 1 hour. Laceration of Brain, 4 hours. Laceration of Brain, 10 hours. Laceration of Brain, 17 hours. Broncho-pneumonia, 5 days.
Totals	101	16	117	33	....	56	25	3	117	

EAST BOSTON RELIEF STATION.

SURGICAL OPERATIONS.

From February 1, 1909, to January 31, 1910, Inclusive.

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	Total.	REMARKS.
Amputations:									
Fingers	37	2	39	38	....	1	....	39	
Leg	1	....	1	1	....	....	....	1	
Toes	2	....	2	2	....	....	....	2	
Herniotomy:									
Strangulated Inguinal Hernia	1	....	1	....	....	1	....	1	
Incisions:									
Abscess, cervical	1	....	1	1	....	....	....	1	
" peritonsillar	1	....	1	....	....	1	....	1	
" submaxillary	1	....	1	1	....	....	....	1	
Laparotomy:									
Acute Appendicitis	4	....	4	2	....	2	....	4	
Stab Wound of Stomach	1	....	1	....	....	1	....	1	
Obstetrics:									
Curettage	....	3	3	2	....	1	....	3	
High Forceps	....	1	1	1	....	....	....	1	
Version	....	1	1	1	....	....	....	1	
Reductions:									
Dislocations:									
Elbow	7	4	11	11	....	....	....	11	
Metatarsus	2	....	2	2	....	....	....	2	
Phalanges	10	1	11	11	....	....	....	11	
Shoulder	6	....	6	6	....	....	....	6	
Fractures, Simple:									
Astragalus	1	....	1	....	....	1	....	1	
Both bones of arm	7	7	14	13	....	1	....	14	
Both bones of leg	4	1	5	....	....	5	....	5	

EAST BOSTON RELIEF STATION.—*Concluded.*

OPERATIONS.	Males.	Females.	Total.	Relieved.	Not Relieved.	To Boston City Hospital.	Died.	Total.	REMARKS.
Clavicle	11	7	18	18	....	....	....	18	
Colles' Fracture	17	8	25	25	....	....	....	25	
Femur	11	3	14	....	....	14	....	14	
Fibula	7	2	9	7	....	2	....	9	
Humerus	16	3	19	15	....	4	....	19	
Inferior Maxilla	5	....	5	4	....	1	....	5	
Metacarpus	31	2	33	33	....	....	....	33	
Metatarsus	13	....	13	13	....	....	....	13	
Nasal bone	5	2	7	7	....	....	....	7	
Os Calcis	3	....	3	....	....	3	....	3	
Patella	2	....	2	....	....	2	....	2	
Phalanges	41	6	47	47	....	....	....	47	
Pott's Fracture	4	1	5	1	....	4	....	5	
Radius	19	14	33	33	....	....	....	33	
Ribs	29	2	31	31	....	....	....	31	
Scaphoid	1	....	1	1	....	....	....	1	
Scapula	2	1	3	3	....	....	....	3	
Spine	3	....	3	....	....	2	1	3	Shock, 3 hours.
Sternum	1	....	1	....	....	1	....	1	
Tibia	5	1	6	3	....	3	....	6	
Ulna	10	12	22	22	....	....	....	22	
Fractures, Compound:									
Femur	....	1	1	....	....	1	....	1	
Phalanges	2	....	2	2	....	....	....	2	
Skull	4	....	4	2	....	1	1	4	Laceration of brain and shock, 6 hours.
Ulna	1	....	1	....	....	1	....	1	
Suture:									
Incised Wounds	3	....	3	2	....	1	....	3	
Lacerated Wounds	....	1	1	1	....	....	....	1	
Tendon	7	1	8	8	....	....	....	8	
Tracheotomy	1	....	1	....	....	....	1	1	Strangulation and Asphyxia, a few minutes.
Totals	340	87	427	370	....	54	3	427	

BEQUESTS.

FUNDS WITH INTEREST ONLY AVAILABLE.

Goodnow Fund.— For the support of free beds .	$26,000 00
Nichols Fund.— For the establishment and endowment of a City Hospital	2,000 00
Norcross Fund.— For the benefit of patients leaving the hospital poor and destitute of proper clothing	2,000 00
Ball Fund.— For the same purpose and under the same restrictions as the Norcross Fund .	1,000 00
Goodnow Library Fund.— For replenishing the library of the hospital with books and pamphlets suitable for the reading of the patients during convalescence	1,000 00
Shaw Fund.— For the purchase of flowers and fruit for the use and comfort of the patients in the hospital	2,000 00
Perkins Fund.— For books for the Medical Library, and for the purchase of artificial limbs and surgical appliances for the use and relief of patients leaving the hospital	7,500 00
Cheever Fund.— To purchase and present to each house surgeon when his service expires a pocket case of surgical instruments, as a gift from Dr. David W. Cheever	3,000 00
Charles P. Hemenway Fund.— For a free bed, to be known as the Charles P. Hemenway Memorial Bed	5,000 00
Herbert L. Burrell Ether Prize Fund.— For a money prize to be given to the house officer who administers ether or other anæsthetic in the most skillful and humane manner . .	1,000 00
Silas Durkee Fund.— "For the benefit of the Boston City Hospital"	15,050 00
Daniel S. Ford Fund.— "For the benefit of the Boston City Hospital"	6,000 00
Carter Fund.— For books for the benefit of the Training School for Nurses	2,000 00

Hettie Lang Shuman Memorial Library Fund.— To be expended in perpetuity by the trustees for new books for the use of hospital patients and for the replacing of volumes that have become damaged, lost or destroyed . . .	$2,000 00
William T. Bolton Fund.— For the benefit of the Boston City Hospital	500 00
Patrick A. Collins Memorial Library Fund.— For the purchase of new books for the use of hospital patients, and for the replacing of those that have become damaged, lost or destroyed . .	500 00

FUNDS WITH BOTH PRINCIPAL AND INTEREST AVAILABLE.

Lamont G. Burnham Fund.— To construct and equip upon the hospital grounds a building to be known as the Lamont G. Burnham Ward, for such uses and purposes as the trustees of the hospital shall, in their discretion, determine. Balance on hand January 31, 1910 . . .	174 60
Wyman Building Fund.— Rest and residue of the Thomas T. Wyman estate. Balance on hand January 31, 1910	5 45
Patrick A. Collins Memorial Library Fund.— To purchase bookcases and books for the use of hospital patients. Balance on hand January 31, 1910	1,852 26

THE BOSTON CITY HOSPITAL TRAINING SCHOOL FOR NURSES.

The trustees of the Boston City Hospital, in 1878, established a Training School for Nurses, the fourth organized in the United States, in order to give to women desirous of becoming professional nurses a systematic course of training and practice.

The Training School is controlled by the trustees of the hospital, like all other departments of the hospital service. The Superintendent of the Hospital has the general supervision of all matters relating to the school, its course of work and study, lectures and discipline. The Superintendent of Nurses has the immediate charge of all the nursing in the hospital, of all persons employed in the wards, and also the instruction and management of the nurses in the Training School. All female nurses in the hospital must be connected with the school.

The hospital in all its departments contains 1,061 beds for patients, as follows:

Main hospital	655
South Department for Infectious Diseases	340
Haymarket Square Relief Station	20
East Boston Relief Station	10
Convalescent Home	36
Total	1,061

The number and variety of cases in each department afford ample material for observation and instruction. The course requires three years, and includes general medical and surgical nursing, together with ophthalmic, aural and gynæcological nursing, also the nursing of children, and infectious diseases and of emergency surgical work. There are no maternity wards connected with the hospital, but a course in maternity

nursing has been provided at maternity hospitals elsewhere, without extra cost to the nurse.

The most desirable age for candidates is from twenty-three to thirty-five years. They must be of sound health and should send with their application a certificate from a physician certifying to the fact. They should also send a brief personal history, and give the names and addresses of three responsible persons, not of their own kin, preferably their last employer, if any, or business men of their acquaintance who know of their good character and capabilities. Upon the recommendation of the Superintendent of the Hospital and Superintendent of Nurses they will be received for three months on probation. The fitness of candidates for the training and work and the propriety of retaining or dismissing them will be determined by the authorities in charge of the school, under the direction of the trustees. An entrance examination is given to all candidates before or during the term of probation. The examination is in simple arithmetic, English composition and writing from dictation, etc., and is in no sense so severe as to prevent anyone who is capable of undertaking the work of a trained nurse from so doing. The Superintendent of Nurses will have a personal interview with candidates for the school on Tuesdays from ten to twelve o'clock.

At the end of the second month candidates, if considered satisfactory, are permitted to wear the cap and enter upon the regular course of training, but such candidates are not permitted to join the school formally until the end of the third month, when, if accepted, they sign an agreement to complete the prescribed course of three years and to conform to all rules. At the end of the first six months the record and work of each pupil are carefully scrutinized as to her fitness to make a good nurse, and the right is reserved by the authorities of the hospital to terminate then, or at any time, the connection of any pupil or nurse with the school for inefficiency, misconduct, generally unsatisfactory record or for any other reason which may be deemed sufficient.

The nurses in the Training School (including probationers) reside at the three nurses' homes connected with the hospital.

These houses are attractive and homelike and have the best of conditions necessary to good health and personal hygiene, while recreation and amusement necessary to a wholesome life have been considered in the music room, library and reception rooms provided.

The Superintendent of Nurses has the immediate charge of the Training School, under the authority of the Superintendent of the Hospital and of the trustees, and the nurses are subject to the rules of the hospital like any other service.

The instruction includes the general care of the sick, the making of beds, changing bed and body linen, managing of helpless patients in bed, etc., giving baths, keeping patients warm or cool, prevention or dressing of bed sores and proper management of the patient under various conditions with different diseases or injuries; the making and applying of bandages and rollers, preparation of splints, application and management of surgical apparatus, applying of fomentations and poultices, the dressing of burns, ulcers and wounds and other minor dressings, cupping, leeching and subsequent treatment, the administering of enemata and the use of the female catheter.

Nurses are taught how to act in the various emergencies occurring in hospital and private nursing as well as in the accidents of ordinary life. They are also given lessons in massage by a professional instructor. There is a systematic course of training in cookery for the sick, the serving of food and delicacies in the proper manner and the feeding of helpless patients or those who resist food.

Instruction is also given in the best practical methods of supplying fresh air, of warming and ventilating sick rooms in a proper manner, and the proper care of sick rooms for the best good and comfort of the patient; in keeping all utensils and appliances perfectly clean and disinfected; in making accurate observations of the pulse, temperature, respiration, expectorations, the secretions, state of the skin and eruptions; of mental condition as to delirium, stupor, shock, etc., of the condition as to sleep, appetite, effects of diet or of stimulants and medicines; the behavior of wounds and

the after treatment in surgical operations and in the managing of convalescents. Nurses are taught the administering of medicines and the application of external remedies, how to take notes on cases, the making up of the nurses' record and the reports to the attending doctor.

The three years' course of training includes a preparatory course of three months, under a special instructor, followed by a fixed course of instruction from manuals and text-books, mainly given by the Superintendent of Nurses, the assistant superintendents of nurses and graduate head nurses. Lectures and demonstrations, chiefly upon practical points, are given at stated times by the medical and surgical staff of the hospital. While the instruction by the manuals, text-books, lectures, demonstrations, quizzes and models is considerable, the main reliance is upon accurate daily drill in the wards, operating rooms and other departments of the hospital. Examinations, both oral and written, are held from time to time by the authorities of the school, and nurses will not be graduated unless they attain, on critical marking, at least 70 per cent.

The pupils are employed as assistant nurses in the wards, operating rooms, Out-Patient Departments of the hospital and the two Relief Stations. They are given eight months' training in medical wards, eight months in surgical wards, six months in contagious wards, four months in gynæcological wards, four months in a maternity hospital and from three to six months elective. No class recitations or lectures are given between July 1 and October 1, except to the probation class.

Probationers are not paid during their first two months, but for the remaining ten months of the first year they receive $50, for the second year $100 and for the third year $150, to pay for the expenses of their uniform, personal clothing and other minor requirements. This sum is in nowise intended as wages, it being considered that their education during this time is a full equivalent for their services. When the term of three years is completed the nurses receive, if they pass all the examinations and are

otherwise satisfactory, a diploma certifying to the regular course of training and practice, and are then permitted to wear the graduate's badge of the school.

The majority of graduates engage in private nursing, but some are invited to remain in the service of the hospital as head nurses, with opportunities of promotion here or in other hospitals. Graduate head nurses who prefer to remain in hospital work, or return after a term of private nursing, are given post-graduate instructions in ward management, hospital housekeeping and minor administration, fitting them to fill positions of trust in hospitals or other institutions.

The school year has no fixed date, but accepted candidates are, as a rule, received in classes beginning every three months. Those desiring to enter with less delay can sometimes anticipate a fixed date by placing themselves on the emergency list. When coming to the hospital they should bring with them the following articles: Three gingham or calico dresses, made plainly; eight large white aprons, made of bleached cotton, two yards wide, meeting in the back, with bibs, without straps, plain at the top and gathered slightly at the bottom, two pearl studs on the band, two inches wide, with hem at bottom five inches in depth and two inches from the bottom of the dress; two bags for soiled clothes, one pair of scissors, a pin-ball and a plain napkin ring with nurse's name; a good supply of plain underclothing — every article to be distinctly marked with pen and indelible ink with the owner's name. Twenty-one pieces are allowed for the laundry each week.

Nurses must bring suitable outer garments for stormy weather, and they are required to wear boots that will be purchased on prescription of our orthopedic surgeon after coming to the hospital. If the teeth are out of order in any way they must receive attention before coming for the probationary month. Nurses are required to wear the Training School uniform after they join the school. Material for dresses will be sold at cost price; caps are furnished at a nominal price. Probationers should come prepared, on acceptance, to expend about $20 for uniforms, books and other needful expenses.

Hours of duty for day nurses will vary from six to twelve hours, between the hours of 7 a. m. and 8 p. m.; for night nurses, from 8 p. m. to 7 a. m. No nurse is required to do both day and night duty on the same day, except in rare emergencies. Each nurse on day duty is allowed one hour after 1.30 o'clock p. m. for rest and recreation, one half-day after 1.30 p. m. each week and four hours on Sunday. Two weeks' vacation with pay is allowed each year, and one week without pay, as leave of absence during the third year. If nurses are sick they are cared for in the hospital, but pay is stopped, except for illness or injury received in the line of duty. Pupils may be expected to have a percentage of any considerable time lost by illness or absence added to their three years, at the discretion of the management. Nurses on night duty are required to be in bed from 9 a. m. until 4 p. m. Nurses may be called upon for six months' regular night duty during the three years' training, besides "special cases" to a limited number.

COURSE OF INSTRUCTION.

I. PROBATIONERS' COURSE.

The first week the probation class meets in the practice room daily for practical instruction in the making of beds, including the use of bed rests, cradles, etc.

The care of rooms, sweeping and dusting.

Care of set bowls, wall stands and utensils.

Care of linen rooms, the folding of linen.

The use of hot and cold applications, including the making of fomentations and poultices.

The care of rubber goods.

The making of surgical supplies, pads, sponges, tampons, etc.

The use of slings, binders and supports.

During this time the class is instructed in the use of antiseptics, disinfectants and deodorants, and the preparation of solutions.

Tables of weights and measures.

The use of abbreviations and symbols.

The principles of ventilation.

The temperature of the body. Heat production and radiation.

The use of the clinical thermometer and charts.

The giving of baths, care of the back, mouth, etc.

From the seventh (7th) to the tenth (10th) day allowed to go to the wards, make beds, sweep, dust and fold linen (hours from 7 to 10.30 a. m.).

The tenth (10th) day assigned to wards for regular duty, and during the remaining weeks of the probation course three hours each day will be devoted to class and practice room work, with one additional hour for recreation.

Total Hours of Study and Ward Work in Three Months' Probation.

Anatomy, Physiology and Hygiene . .	66	hours.
Practical Nursing and Practice Room . .	126	"
Materia Medica and Nursing Ethics . .	24	"
Lectures	12	"
Ward Work	481	"

FIRST YEAR.

Fever Nursing. Wilson	12	recitations.
Principles of Nursing. Hampton-Robb .	12	"
Lectures by Physicians and Surgeons . .	37	
Ward Clinics: Medical, Surgical, Gynæcological and Infectious.		

SECOND YEAR.

Nurses' Handbook of Obstetrics. Cooke. .	12	recitations.
Materia Medica	12	"
Special Instructions in Bacteriology . .	6	exercises.
Instruction in Practical Asepsis in Operating Rooms.		
Massage	6	recitations.
Special Lectures in Obstetrics . . .	6	
Obstetrical Course (4 months).		

THIRD YEAR.

Invalid Cooking	8	recitations.
Medical and Surgical Clinical Teaching by Paid Instructors.		

General Review of Course	12 recitations.
Elective Work in Operating Rooms, Out-Patient Departments, Relief Stations, Contagious Wards and Housekeeping Department.	

An excellent reference library is open to nurses for more extended reading upon subjects under consideration.

LIST OF LECTURES AND SUBJECTS.

A lecture is given to the Training School on Fridays at 4 p. m. in the Operating Amphitheater by a member of the Medical and Surgical Staff, once a week between September 15 and June 30. The following are among the lectures given at various periods during the training:

Three.— Theory of wounds: Modes of healing, granulations, ulcers, cellulitis, suppuration, slough, erysipelas, pyæmia, gangrene, sepsis, etc. (with stereopticon).

Six.— Bacteriology, brief history and general theory: Micro-organisms; general distribution in air, water, etc. Elementary consideration of pathogenic and non-pathogenic micro-organisms. Exhibition of apparatus and cultures. Practical points for nurses.

Two.— Surgical anatomy and landmarks, hæmorrhages, etc.

One.— Fractures: Varieties, preparation and care of splints and apparatus for treatment, management of cases, etc.

Three.— Medicines: Avenues of taking; preparation of doses; classes of internal and external poisons; cautions; hospital formulæ.

One.— Nursing in fevers: Theory of fever, symptoms and course of, different plans of treatment, nurses' duties as to symptoms, bed clothing, secretions, baths, food and management of cases.

Four.— Infectious fevers, especially diphtheria and scarlet fever: Symptoms and course of disease; complications; infection and contagion; special nursing in croup, laryngitis, tracheotomy, intubation, etc.; management of patient and surroundings; personal hygiene of nurse in attendance, etc.

Two.— Symptomatology in disease: What and how to observe accurately; vital organs and special symptoms. The

model sick room: Temperature, light, ventilation, care of bed, bedding and clothing, furniture, utensils, disinfectants, cleansing, dusting, etc.

Three.— Care of children in health and disease: Diet and clothing of infants and children; various infantile diseases.

Two.— Physiology of pregnancy and labor: Delivery and confinement nursing.

One.— On gynæcological nursing: Preparation of patient for examination or operation; operations after treatment, douches, use of catheter, etc. (Demonstrations to sections of senior nurses in Ward S operating room.)

One.— Special nursing in nervous diseases, including the insane.

One.— Special nursing in diseases of the eye and general care in health and disease.

One.— Special nursing in diseases of the ear, its care in health and disease; nurses' duties at operations and continued treatment in disease.

One.— Urine: Characteristics, properties, including taking notes on same and brief analysis. Drill in laboratory by classes in sections.

Three.— Visceral anatomy: Demonstrations by post-mortems, care of the dead, etc.

One.— Suggestions to those about to engage in private nursing.

Five.— Sociology: By leading workers in sociology.

HOUSE RULES.

WITH RULES FOR ADMISSION, GOVERNMENT AND DISCHARGE OF PATIENTS; ALSO RULES FOR VISITORS.

HOUSE RULES.

The doors and gates of the hospital will be closed at 10 o'clock in the evening, at which time all inmates shall be quiet and all not on duty shall be in their rooms, unless otherwise specifically permitted.

All officers, nurses and employees of the hospital, when going and coming to and from the hospital, shall enter and go out by the entrance office, and by no other entrance. Such officers and employees as are required shall use the time register and method of booking that the hospital rules require.

A record shall be kept of all persons entering the hospital between the hours of 10 o'clock in the evening and 7.30 o'clock in the morning.

No employee shall be absent from the hospital except when permitted by special rules or by the Superintendent.

No officer, nurse, orderly or other employee shall, directly or indirectly, receive money or other gifts from or in behalf of patients, except with the approval of the Superintendent.

The use of tobacco, wine and intoxicating liquors is prohibited within the hospital, unless prescribed by the physicians or surgeons.

All profane and improper language, loud talking and incivility are prohibited.

All employees shall observe such further rules and directions for their conduct as may from time to time be established.

ADMISSION OF PATIENTS.

Applications for admission of patients may be made at the hospital on each day of the week, Sunday excepted, between 9 o'clock a. m. and 6 o'clock p. m.

Whenever able a patient shall apply in person for admis-

sion; when not able to apply in person a patient may be admitted on application made in his behalf, or upon visit at his residence by the admitting physician.

Persons accidentally wounded, or otherwise disabled or injured, shall be received at all hours.

Patients may be admitted to the privileges of the hospital at such rates of board as the trustees may from time to time by vote determine, payment for such board being secured by the friends of the patients or by the authorities of the cities or towns to which the patients belong.

Whenever, in the opinion of the trustees, the circumstances of the patient will warrant it, the whole or a part of the board shall be paid. If separate apartments, or articles not usually furnished at the hospital, are provided, such payment shall be made therefor as the trustees shall deem reasonable.

No person having acute venereal disease or alcoholism shall be admitted, except as a paying patient.

No person shall be admitted to the hospital whose case is judged to be incurable, unless there be urgent symptoms which are deemed capable of being relieved.

GOVERNMENT OF PATIENTS.

Patients shall implicitly observe all the rules of the hospital.

Patients shall be in their proper places in the wards during the visits of the physicians and surgeons, and always before 7.30 o'clock in the evening, unless specially excused by the Superintendent.

Such free patients as are able shall assist in nursing and perform such other services as may be reasonably required of them.

No patient shall leave the hospital grounds without a pass from the Superintendent, nor leave his ward without the consent of the nurse in charge.

No patient shall purchase, or cause to be purchased for him, any article of food whatsoever, or any other article, without the consent of the Superintendent.

Profane and obscene language, loud talking and incivility are prohibited.

Patients may be visited by clergymen of their own selection, and any wish for the performance of a particular religious rite shall be granted when practicable.

Complaints, for whatever cause, may be made to the Superintendent, and whenever requested shall be by him reported to the trustees.

DISCHARGE OF PATIENTS.

Patients shall be discharged by the Superintendent.

Patients discharged on the recommendation of the visiting physicians or surgeons shall be provided with a certificate stating their condition at the time of discharge, whether cured, relieved or not relieved, which certificate shall be signed by the Superintendent.

Whenever a patient is removed from the hospital without the approval of the Superintendent a written statement to that effect shall be required from any person assuming the responsibility of the removal.

VISITORS.

No person shall visit any part of the premises except on business, or at such times as may be fixed for the reception of visitors, without the permission of the Superintendent or of some one of the trustees.

Daily, from 2 to 3 o'clock in the afternoon, friends may be permitted to visit patients, though no patient shall receive more than two visitors at that hour; and from 6 to 6.30 o'clock on each week day friends may be permitted to visit patients, though no patient shall receive more than one visitor at that hour. In all cases, however, the trustees and Superintendent may exercise discretionary powers as to excluding or admitting visitors.

When visitors are admitted outside of the regular visiting hours they shall not be permitted to remain more than half an hour, except a special permission to remain for further time is granted.

All visitors shall leave the hospital when the bell rings at the expiration of the visiting hour.

No visitor shall take any meal in the hospital, or pass the night therein, without permission of the Superintendent or one of the trustees.

No visitor shall be allowed to give any article of food or drink to a patient, unless by permission of the nurse; and any article sent to a patient shall be left at the entrance office.

SPECIAL RULES FOR THE GOVERNMENT OF THE SOUTH DEPARTMENT.

The Department of the Boston City Hospital located on the westerly side of Massachusetts avenue shall be designated as the South Department of the Boston City Hospital. It shall receive patients who require treatment for diphtheria and scarlet fever, and for other infectious diseases as may be determined from time to time by the trustees.

The Superintendent of the Hospital shall, under the direction of the trustees, have the general control and management of this department in the same manner as of other departments of the hospital.

The rules of the hospital shall, so far as applicable, and except as hereinafter provided, apply to the various officers and employees and to the conduct and management of this department.

SPECIAL RULES FOR THE GOVERNMENT OF THE HAYMARKET SQUARE RELIEF STATION.

The Boston City Hospital Relief Station is established not as a hospital but as a department of the Boston City Hospital for temporary relief, and the rules and methods prevailing now in the hospital shall, so far as applicable and not inconsistent with special rules, apply to the Relief Station.

The station shall afford temporary relief in all classes of accident and disease. It shall be open at all hours for patients requiring treatment or attention. Patients requiring ward treatment, whether received at the station or taken up in ambulances, shall, so far as consistent with their welfare, be forthwith transferred or carried to the hospital for extended treatment, but ward accommodations shall be afforded

patients whose condition is such that they cannot properly be transferred. Patients may, however, if it is deemed desirable, be transferred by the ambulances to other hospitals or to their homes. First treatment may be afforded at the station, although the applicants are not such as require ward treatment.

The Superintendent of the Hospital shall have the general administration, management and control of the station the same as of other departments of the hospital.

The Superintendent shall, from time to time, as may be necessary, nominate for confirmation by the trustees a Resident Surgeon and one or more Assistant Resident Surgeons, and shall appoint and employ or detail for service in this department, subject to the approval of the trustees or of the proper committees, a Matron, a Supervisor, nurses, orderlies and such other minor employees as may be required for the proper conduct of the station, who shall be subject to his supervision.

The various officers and employees of the station shall perform such duties, other than those specified, as may be required by the trustees or the Superintendent, according to the nature of their respective duties. The Resident Surgeons, the Matron, Supervisor and such other officers as may be so required shall reside at the station.

AMBULANCE SERVICE.

The ambulance service of the station shall be under the direct control of the Resident Surgeon, and shall co-operate with that of the hospital, with which it shall form one general system. Ambulances shall, in response to calls, be dispatched from the station or the hospital as the exigency may require. The utmost dispatch shall be exercised in the ambulance service, so far as is consistent with a regard for the welfare of the patient and the interest of the public.

Ambulances shall in general be sent from the station or the hospital at least upon a general alarm to all fires occurring in the city proper and in such further districts as may be determined upon.

An ambulance shall be held during the hours of the day in complete readiness to make immediate response to calls, and shall be kept in condition to make prompt response to calls at any time of the night.

A house officer shall accompany the ambulance, shall direct its course and shall have direction of the care and treatment of the patient until received at his destination.

The foreman of the ambulance service at the Hospital Station shall visit and inspect the Ambulance Department of the station from time to time, but the immediate carrying out of directions shall be under the assistant foreman at the station.

PATIENTS.

Alcoholic and insane patients shall not be received, unless there is surgical or medical complication making hospital treatment absolutely necessary.

No patient, after being admitted to the wards, shall leave the station until his discharge without a pass from the proper officer, nor shall he visit other parts of the station without permission.

Ward patients shall be discharged by the Superintendent or Resident Surgeon.

SPECIAL RULES FOR THE GOVERNMENT OF THE EAST BOSTON RELIEF STATION.

The rules for the management of the East Boston Relief Station are similar to those of the Haymarket Square Relief Station.

SPECIAL RULES FOR THE GOVERNMENT OF THE CONVALESCENT HOME.

The department of the Boston City Hospital located on Dorchester avenue, in Dorchester, shall be known as the Convalescent Home, and shall receive such patients recovering from acute diseases as shall be transferred to it from the main hospital for treatment during convalescence.

The Superintendent of the Hospital shall, under the direction of the trustees, have the control and management of the Convalescent Home in the same manner as of other departments of the hospital.

The Superintendent shall appoint, subject to the approval of the trustees, a Matron, and shall employ, under their direction, such further assistants as may be necessary for the proper conduct and service of the home.

The Matron, under the direction of the Superintendent, shall have the immediate charge of the home and the control of all nurses and other employees and patients. She shall reside at the home.

VISITORS.

Friends may be permitted to visit patients on week days, between three and four o'clock in the afternoon. In all cases the trustees, Superintendent and Matron may exercise discretionary powers as to excluding or admitting visitors.

Visitors shall leave the home and grounds at the expiration of the visiting hour, and shall visit no part of the home or grounds other than the reception room, except by permission from the proper authority.

No person shall give any article of food or drink to a patient unless by permission of the Matron.

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